
PRODUCT
CATALOGUE

2025

Laboratory water
purification systems

adrona

WATER PURIFICATION SYSTEMS

Adrona water purification systems deliver ultrapure (Grade 1/Type I), pure (Grade 2/Type II), and reverse osmosis (RO) water to meet a wide range of laboratory needs. The water quality fully complies with leading international standards for laboratory water - ISO 3696:1987, ASTM D1193-06, and CLRW as defined by CLSI.

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¹ Depending on the model, water purification systems can produce ultrapure and pure water or RO and pure water.

ADRONA Laboratory ultrapure water system features

| | Compact RO/Pure | Crystal EX Compact | Q-Front | E30 Q-Front N Q-Front EDI | Integrity+ | Gradus B300 B310 | Connect Onsite+ | Connect LT |
|---------------------|---------------------------|--------------------|------------|---------------------------|------------|---------------------------------|-----------------|--------------|
| Feed water | Tap water | Tap water | Tap water | Tap water | Tap water | Tap water | Pre-treated | Pre-treated |
| Produced water | RO ¹ / Grade 2 | Grade 2 Grade 1 | RO Grade 1 | Grade 2 Grade 1 | Grade 1 | RO ² Grade 2 Grade 1 | Grade 1 | Grade 1 |
| Display | Mono-chrome | Mono-chrome | Colour | Colour | Colour | Touch-screen | Colour | Touch-screen |
| TOC monitor | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Volumetric dispense | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Data Interface | - | - | RS232 | RS232 | RS232 | Ethernet USB | RS232 | Ethernet USB |
| Dispense reports | - | - | - | - | - | ✓ | - | ✓ |
| Data storage | - | - | - | - | - | ✓ | - | ✓ |
| GLP | - | - | - | - | - | ✓ | - | ✓ |
| Remote diagnostic | - | - | - | - | - | ✓ | - | ✓ |

¹ Compact RO

² B310

OVERVIEW

Adrona offers a full range of laboratory water purification systems tailored to meet every application need - from reverse osmosis (RO) water for basic tasks such as glassware rinsing and autoclave feed, to pure water (Grade 2) for general laboratory use, and ultrapure water (Grade 1) for the most demanding, sensitive applications.

Backed by over two decades of expertise in laboratory water purification, Adrona systems are built using proven configurations, premium components, and high-quality materials to ensure reliable performance and long-term durability.

Designed for user-friendly operation, all systems are easy to install and come with a complete set of initial consumables. Cartridges and filters are fully user-replaceable, minimizing downtime and maintenance costs.

Several Adrona systems are available in both benchtop and wall-mounted configurations - helping laboratories save valuable workspace without compromising functionality.

Our latest models - Gradus, Connect LT, and B300 - are fully compliant with Good Laboratory Practice (GLP) standards, ensuring traceability, reliability, and regulatory readiness.

Volumetric Dispense

Depending on the model, Adrona water purification systems come equipped with a volumetric dispenser that allows precise control over the dispensing volume for each cycle. Users can easily set the desired volume either through the intuitive keypad or by using the convenient "teaching" mode. In teaching mode, simply perform an initial manual dispense using the "Dispense On/Off"

button, and the system will remember that volume - delivering the exact same amount with every subsequent dispense at the touch of a button.

Water Quality and Validation

An embedded recirculation loop ensures consistently stable, premium water quality while effectively eliminating Total Organic Carbon (TOC). The performance of deionization and polishing modules is continuously monitored by an intelligent algorithm that helps reduce operating costs by prompting module replacement only when their service life is nearly complete.

Water quality stability is further enhanced by a dual semiconductor-grade ion exchange cartridge system, which maintains excellent water purity even during cartridge replacement.

All Adrona water purification systems support water quality validation through an external conductometer with a flow cell - available directly from Adrona or locally sourced.

System compliance with specifications is guaranteed when properly installed and maintained, ensuring reliable, long-term performance.

Total Organic Carbon (TOC) Monitor

Organic contaminants may not affect water conductivity, so conductivity sensors cannot reliably monitor Total Organic Carbon (TOC) levels. To address this, selected Adrona water purification systems are equipped with a dedicated TOC monitoring module that continuously measures

TOC concentrations. The current TOC values are conveniently displayed on the system's screen, providing real-time water quality assurance.

Displays

Provide clear water quality readout and information about the system status including current resistivity and remaining pre-filter service life.

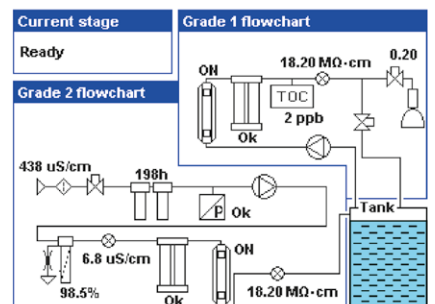
Colour graphic LCD display



Monochrome LCD display

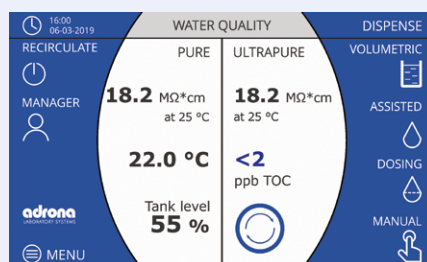


System flowchart shows all component status and water quality parameters at a glance. Image can vary depending on model and its configuration.



Large touchscreen

Simplified and detailed information in multiple languages. Alarms and alerts are visible on the main screen with a complete information on actions required. Monitoring the operation system.



Electrodeionization module

Adrona's Q-Front, RADIX, Gradus, and Compact systems are available in configurations featuring an integrated, continuously self-regenerating EDI module. This advanced technology helps minimize long-term operating costs, making it especially suitable for laboratories with high daily purified water demand

Safety

Adrona water purification systems feature all necessary safety functions. They are tested by an independent and accredited company for compliance with the CE directives related to safety and electromagnetic compatibility.

Warranty and after-sales support

Adrona offers a comprehensive 2-year warranty along with continuous, dedicated customer support. Delivering high customer satisfaction is our top priority across all aspects of our business. Our dealers worldwide consistently commend Adrona for its dependable service and proactive assistance.

With all spare parts kept in stock, we guarantee rapid response times and swift resolution of any technical issues. Our support team is always ready to assist and, in urgent cases, can promptly dispatch necessary components. Repairs and maintenance are performed by either trained local

technicians or Adrona's own service engineers, ensuring expert care.

Furthermore, we guarantee the availability of all consumables throughout the lifetime of every installed water purification system, so you can rely on uninterrupted performance.

Certification

ADRONA management system and manufacturing site operates in accordance with ISO 9001:2015. We are certified for manufacture, sale, and service of laboratory equipment.

Configurations According to Applications

Each Adrona model is available in various configurations according to the customer needs.

| Water for laboratory needs | | RO | Grade 2 | | Grade 1 | | |
|---------------------------------|--|----|---------|-----|---------|---------|-----|
| Applications | | RO | Pure | EDI | Trace | HPLC/LT | Bio |
| General laboratory applications | Glassware rinsing | • | • | • | • | • | • |
| | Laboratory washers | • | • | • | • | • | • |
| | Autoclaves | • | • | • | • | • | • |
| | Electrochemistry | | • | • | • | • | • |
| | Wet chemistry | | • | • | • | • | • |
| | Spectrophotometry | | • | • | • | • | • |
| | Buffer and media preparation | | • | • | • | • | • |
| | Reagent preparation | | • | • | • | • | • |
| Inorganic analysis methods | Flame atomic absorption spectrophotometry | | • | • | • | • | • |
| | Graphite automizer atomic absorption spectrophotometry | | | | • | • | • |
| | Plasma mass-spectrometry (ICP-MS) | | | | • | • | • |
| | Plasma spectrophotometry (ICP-OES) | | | | • | • | • |
| | Ion chromatography | | | | • | • | • |
| Organic analysis methods | Liquid chromatography (HPLC/UHPLC) | | | | | • | • |
| | HPLC-MS | | | | | • | • |
| | Total organic carbon measurements | | | | | • | • |
| Molecular Biology | Flow cytometry | | | | | | • |
| | Cell and tissue culture | | | | | | • |
| | Molecular biology | | | | | | • |

GRADUS XT-300



The innovative Gradus XT-300 laboratory water purification system is entirely managed through remote dispensers equipped with a touch screen. Dispenser Flow Point GR provides pure Grade 2 water, while the other Flow Point XR delivers ultrapure Grade 1 water. Additionally, up to four more dispensers can be incorporated into the system.

Superior quality of ultrapure and pure water is achieved directly from tap water source.

The Gradus XT-300 offers flexibility in placement options – it can be mounted on the wall or situated under the bench, optimizing space in your work area. Alternatively, if space permits, it can also be placed directly on a laboratory bench.

The connection between the main unit and the remote dispenser extends to 5 meters (optimally 3 m).

Available in two main configurations - electrodeionization (EDI) and deionization.

Intuitive touchscreen display

- 8-inch color touchscreen.
- Equipped with USB and Ethernet connectivity.
- Data can be stored on a USB-C drive.
- Touchscreen is designed for glove compatibility.

Detailed procedures

- Clear and comprehensive information available in various languages.
- Alerts and notifications appear on the main screen, providing a thorough description of the necessary actions.
- Continuous monitoring of system operations.
- Dispense report preparation.

Adjustable dispense flow regulation

- Delivers water at a rate of up to 2 liters per minute, minimizing interruptions.
- Volumetric dispensing facilitates quick reissuance of specified volumes.
- Offers volumetric control ranging from 10 ml to 100 liters.
- Features a drop-by-drop dispensing function.

Specifications

| | Trace (EDI) | LT (EDI) | Bio (EDI) |
|-------------------------------------|--|------------------------------|---------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/ cm | 0.055 μS/ cm | 0.055 μS/ cm |
| Grade 2 water conductivity at 25 °C | ≤0.1 μS/cm | ≤0.1 μS/cm | ≤0.1 μS/cm |
| TOC | <10 ppb | <3 ppb* | <3 ppb* |
| RNase | - | - | <1 pg/mL |
| DNase | - | - | <5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | < 0.001 EU/mL |
| Particles >0.22 μm | <1/mL | <1/mL | <0.05/mL |
| Nominal flow to storage tank | | 5/10/15 L/h** | |
| Volumetric dispense | | 0.01 L to 100 L*** | |
| Adjustable dispense rate | | From 2 L/min to drop-by-drop | |
| Dimensions (system),WxDxH, cm | | 33x45x63 | |
| Dimensions (dispenser),WxDxH, cm | Base: 20x26x5 cm; Width: 26-40 cm; Height: 55-78 cm; Tube: 80 cm | | |

* In appropriate operating conditions <2 ppb, otherwise normally <3 ppb.

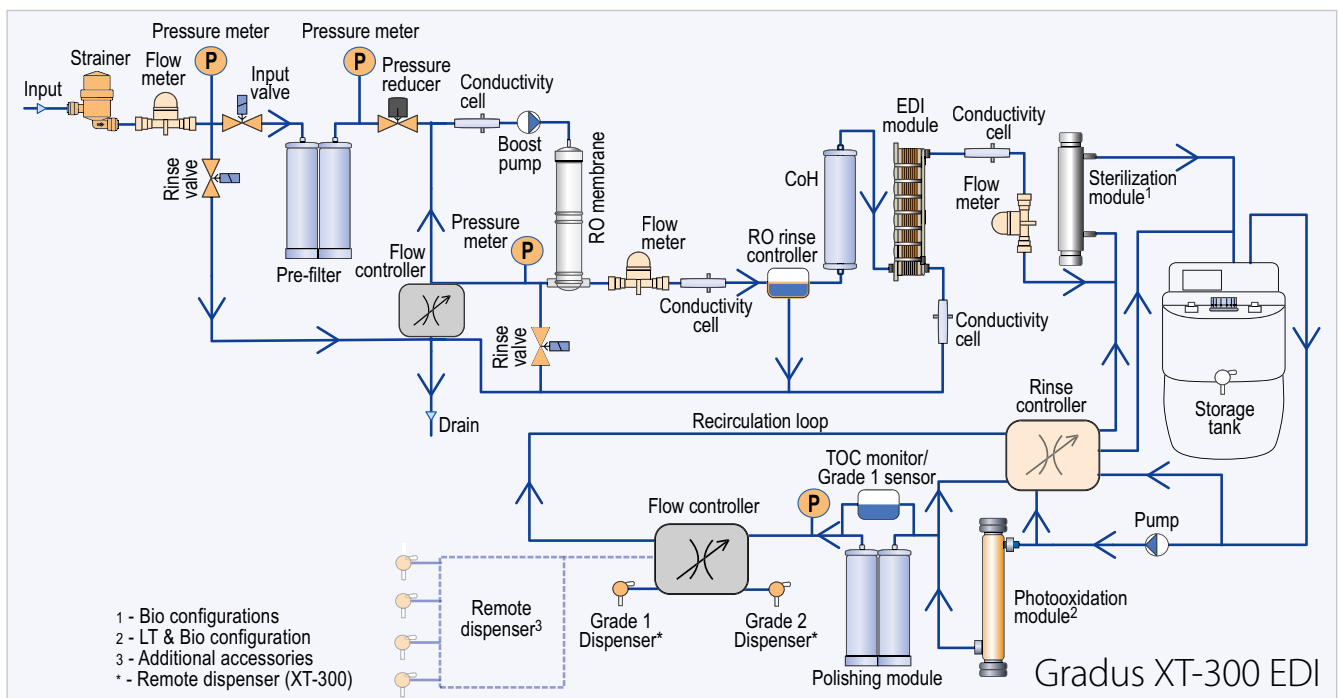
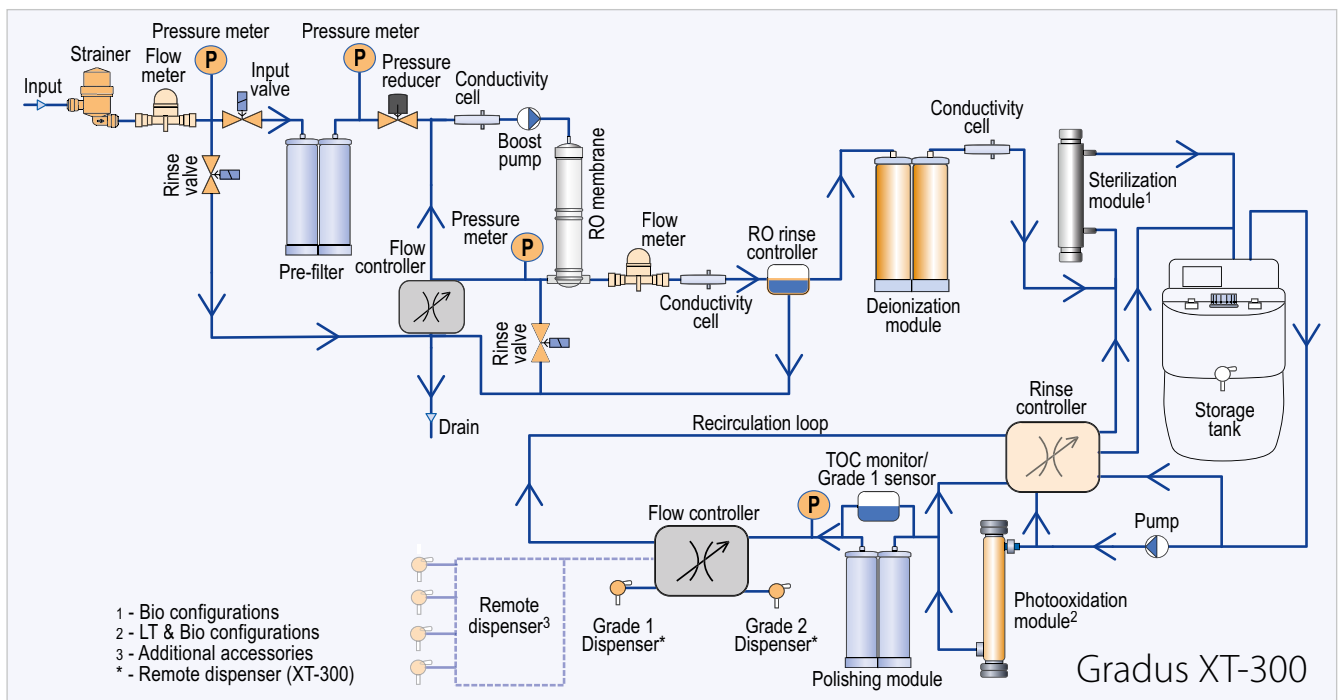
** Depends on the configuration.

***Depends on the tank volume.

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|--|---|--------------------------------------|
| 10411 | Pre-filter Q w/ quick connectors | If the filters are clogged or every 6 months | |
| 10311 | Deionization Q w/ quick connectors | Grade 2 water conductivity is > 0.5 $\mu\text{m}/\text{cm}$ constantly or every 12 months | Not applicable for EDI configuration |
| 10033 | Polishing Q w/ quick connectors | Grade 1 water conductivity is > 0.1 $\mu\text{m}/\text{cm}$ constantly or every 12 months | Depends on water consumption amount |
| 10017 | Sterilization UV bulb | On average – every 12 months | “Bio” configuration |
| 10018 | Photooxidation UV bulb | On average – every 12 months | “LT” and “Bio” configuration |
| 10013 | Replacement 0.22 μm dispense filter | Every 6–12 months | “Trace” and “LT” configuration |
| 10120 | Replacement ultrafilter | Every 3–6 months | “Bio” configuration |

Flow diagrams



GRADUS

Discover a fully integrated, intelligent water purification system that delivers exceptional pure and ultrapure water directly from a tap water source.

Pre-Clean filter

High efficiency removal of colloids, particles, free chlorine and minerals for improved system performance.

EDI module or DI module

Removes remaining ions for consistently superior quality pure water. EDI system requires no maintenance, ensuring low and predictable costs.

Advanced reverse osmosis (RO)

Removes 97-99% contaminants including ions, particles, bacteria and organic molecule. Gradus systems feature an advanced reverse osmosis recovery loop, considerably reducing tap water consumption.

Prior to water production

automatic rinsing of the RO membrane and the EDI module ensures that only the highest quality pure water enters the tank.



Attached G1 ultrapure water dispenser – delivers consistently ion free and low TOC ultrapure Grade 1 water.

Attached G2 pure water dispenser – delivers guaranteed quality Grade 2 pure water.

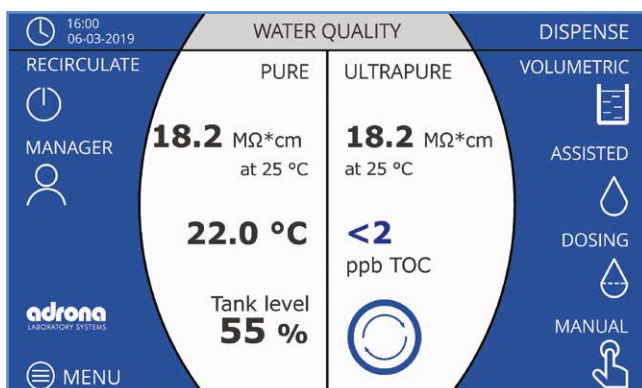
Within the tank, pure water quality is preserved by two built in features:

- Vent filter – provides protection against airborne contaminants.
- Automatic Sanitization Module – with an integrated UVC regularly irradiates stored water and tank walls, preventing bacterial growth and biofilm formation.

Automatic recirculation of stored water through bactericidal UV lamp preserves water quality in the tank and ensures that high quality Grade 2 water is always on hand ready to use.

Polishing QC/QH Cartridge – removes ions and organic contaminants down to trace level.

Oxidation UV lamp – emitting 185 nm, photo-oxidises organic contaminants.



Intuitive touchscreen display

- New electronics and software.
- 7" colour touchscreen.
- USB and Ethernet interface.
- Data storage on USB-C stick.
- Dispense report preparation.
- Monitoring the operation of the system.
- Touchscreen is suitable for use with gloves.
- Alerts and alarms are displayed on the main screen with a complete description of actions required.

Specifications

| | Trace (EDI) | LT (EDI) | Bio (EDI) |
|-------------------------------------|--------------|------------------------------|---------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/ cm | 0.055 μS/ cm | 0.055 μS/ cm |
| Grade 2 water conductivity at 25 °C | ≤0.1 μS/cm | ≤0.1 μS/cm | ≤0.1 μS/cm |
| TOC | < 10 ppb | <3 ppb* | <3 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | <0.001 EU/mL |
| Particles >0.22 μm | <1/ per mL | <1/ per mL | <0.05/ per mL |
| Nominal flow to storage tank | | 3/5/10/15 L/h** | |
| Volumetric dispense | | 0.01 L to 100 L*** | |
| Adjustable dispense rate | | From 2 L/min to drop-by-drop | |
| Dimensions (WxDxH), cm | | 50(33)x45x63 | |

* In appropriate operating conditions <2 ppb, otherwise normally <3 ppb.

** Depends on the configuration.

***Depends on the tank volume.

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------------|---|--------------------------------------|
| 10411 | Pre-filter Q w/ quick connectors | If the filters are clogged or every 6 months | |
| 10311 | Deionization Q w/ quick connectors | Grade 2 water conductivity is > 0.5 μm/cm constantly or every 12 months | Not applicable for EDI configuration |
| 10033 | Polishing QC w/ quick connectors | Grade 1 water conductivity is > 0.1 μm/cm constantly or every 12 months | Depends on water consumption amount |
| 10037 | Polishing QH w/ quick connectors | Grade 1 water conductivity is > 0.1 μm/cm constantly or every 12 months | Depends on water consumption amount |
| 10017 | Sterilization UV bulb | On average – every 12 months | “Bio” configuration |
| 10018 | Photooxidation UV bulb | On average – every 12 months | “LT” and “Bio” configuration |
| 10013 | Replacement 0.22 μm dispense filter | Every 6–12 months | “Trace” and “LT” configuration |
| 10120 | Replacement ultrafilter | Every 3–6 months | “Bio” configuration |

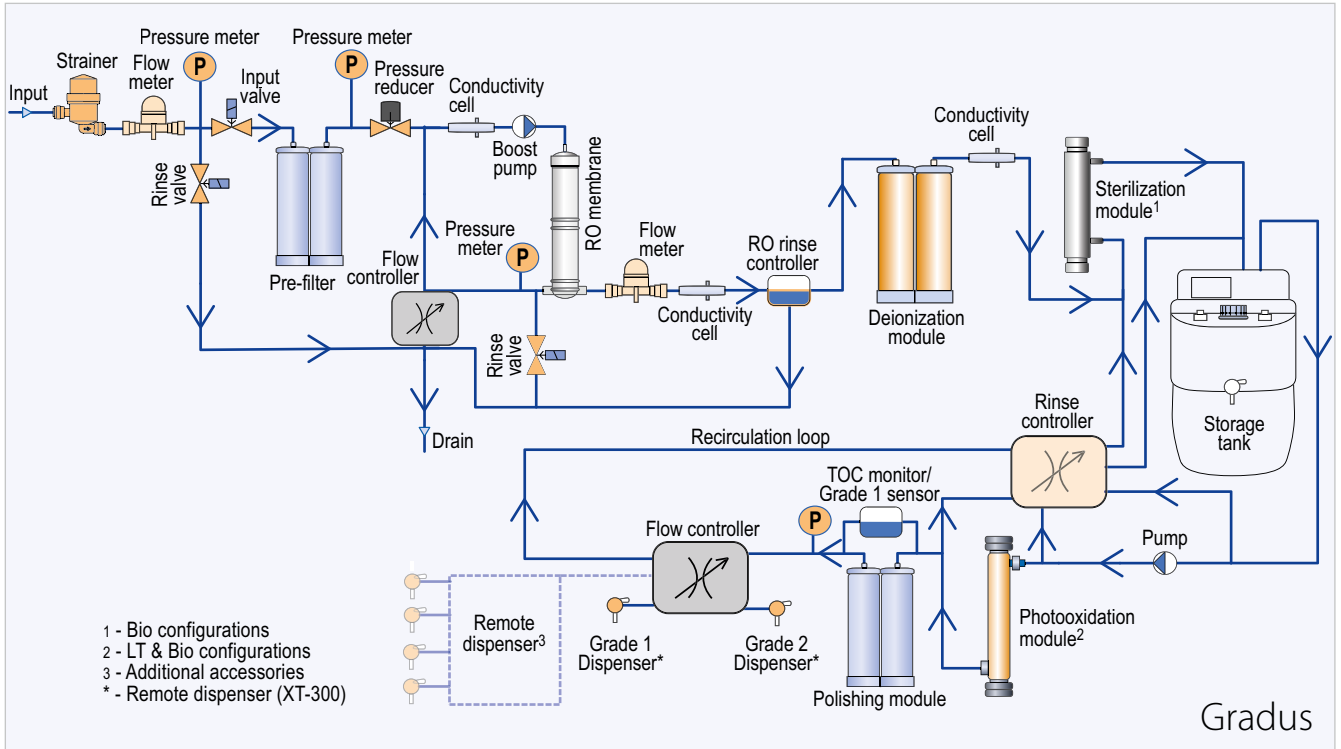
Adjustable dispense flow regulation

- Water delivered up to 2 liters per minute keeps interruptions to minimum.
- Volumetric dispense allows fast reissue of set volumes.
- Volumetric control is available from 0.01 to 100 L.
- Drop-by-drop function.

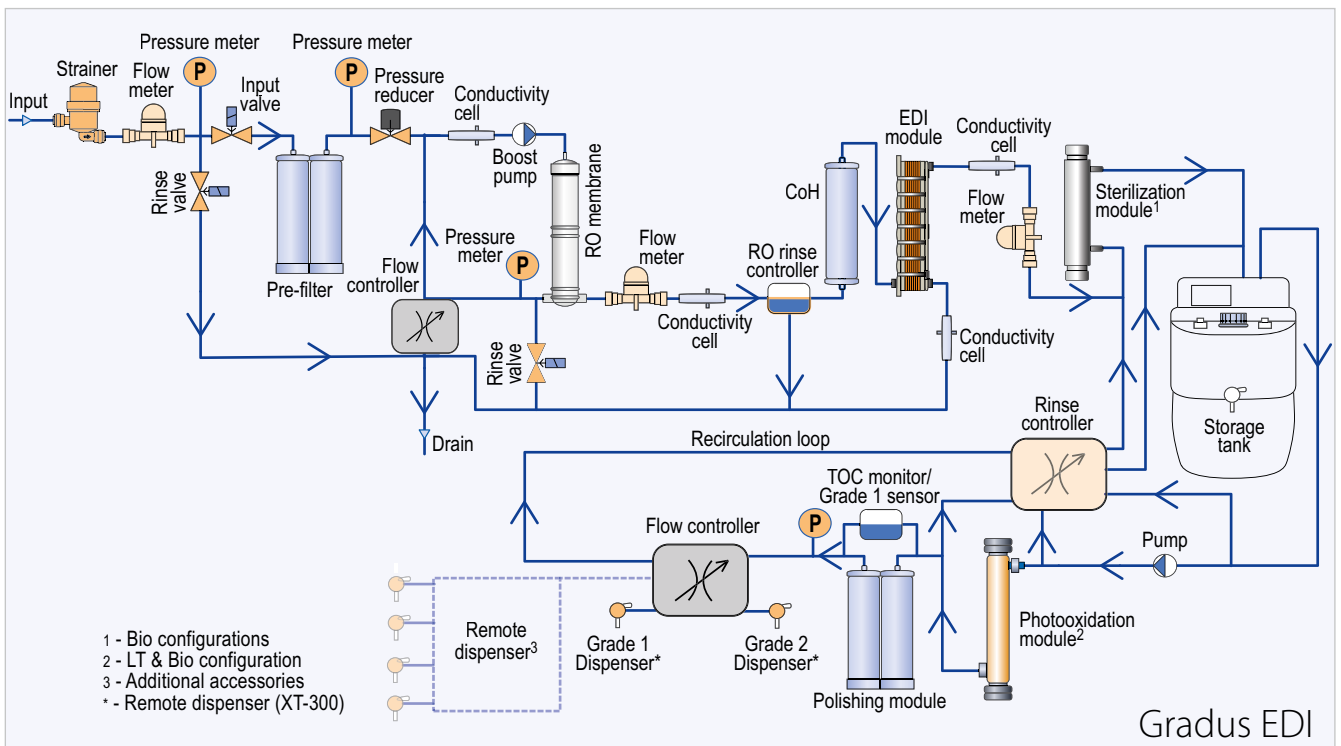
Convenient

- Installation process gives quick access to laboratory water.
- Simple and trouble-free replacement of consumables.
- Built-in calibration of conductivity sensors.

Flow diagram



Flow diagram





B300 & B310

Both systems feature completely redesigned electronics and software, delivering a host of new capabilities to enhance user experience and system efficiency:

- Large, vibrant color touch screen
- Comprehensive data logging
- Clear warning and alarm notifications
- Flexible flow control options
- Support for multiple remote dispensers
- Ethernet and USB connectivity
- Detailed dispense report generation
- Enhanced accuracy for conductivity and TOC measurements
- Additionally, the integrated RO water recirculation system reduces tap water consumption, promoting sustainability and cost savings.

Building on the proven success of Adrona's B30 model, the B300 system incorporates the latest generation electronics and a user-friendly touch-screen interface for seamless operation. Designed for tap water feed, the B300 delivers ultrapure (Grade 1) water conveniently through the front dispense port, while simultaneously providing pure (Grade 2) water directly from the external tank or via the optional Remote Dispenser (see Accessories section).

The B310 model offers a unique advantage by producing not only Grade 1 and Grade 2 water but also cost-effective reverse osmosis (RO) water for general laboratory needs such as glassware washing, autoclaves, and rinsing of lab materials. Additionally, a pressurized tank can be added for convenient RO water storage.

Ordering information

| Model | Part number |
|------------|-------------|
| B300 Trace | CB-3301 |
| B300 HPLC | CB-3303 |
| B300 Bio | CB-3305 |
| B310 HPLC | CB-3503 |
| B310 Bio | CB-3505 |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------------|---|-------------------------------------|
| 10319 | Pre-filter set | If the filters are clogged or every 6 months | |
| 10311 | Deionization Q w/ quick connectors | Grade 2 water conductivity is >0.5 µm/cm constantly or every 12 months | |
| 10031 | Polishing Q w/ quick connectors | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | Depends on water consumption amount |
| 10033 | Polishing QC w/ quick connectors | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | Depends on water consumption amount |
| 10037 | Polishing QH w/ quick connectors | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | Depends on water consumption amount |
| 10017 | Sterilization UV bulb | On average – every 12 months | "Bio" configuration |
| 10018 | Photooxidation UV bulb | On average – every 12 months | "HPLC" and "Bio" configuration |
| 10013 | Replacement 0.22 µm dispense filter | Every 6–12 months | "Trace" and "HPLC" configuration |
| 10120 | Replacement ultrafilter | Every 3–6 months | "Bio" configuration |

Specifications B300

| | Trace | HPLC | Bio |
|-------------------------------------|---------------|--------------------|---------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/ cm | 0.055 μS/ cm | 0.055 μS/ cm |
| Grade 2 water conductivity at 25 °C | <0.1 μS/cm | <0.1 μS/cm | <0.1 μS/cm |
| TOC | < 10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | < 0.001 EU/mL |
| Particles >0.22 μm | <1/ per mL | <1/ per mL | <0.05/ per mL |
| Nominal flow to storage tank | | 10 L/h** | |
| Volumetric dispense | | 0.01 L to 100 L*** | |
| Dispense rate, ultrapure water | 1.5 - 2 L/min | 1.5 - 2 L/min | 1.5 - 2 L/min |
| Dimensions (WxDxH), cm | 32x56x58 | 32x56x58 | 32x56x58 |
| System weight, kg | 27 | 28 | 29 |
| Operation weight, kg | 30 | 31 | 32 |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

** Upgradeable to 15 L/h. Please enquire.

*** Depends on the tank volume.

Specifications B310

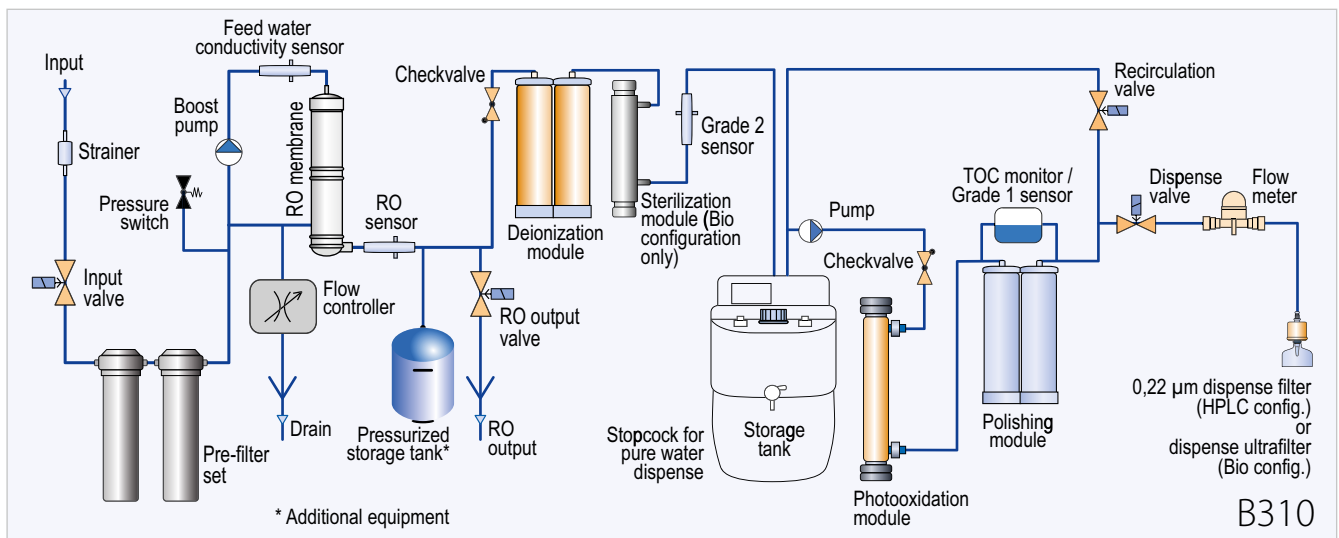
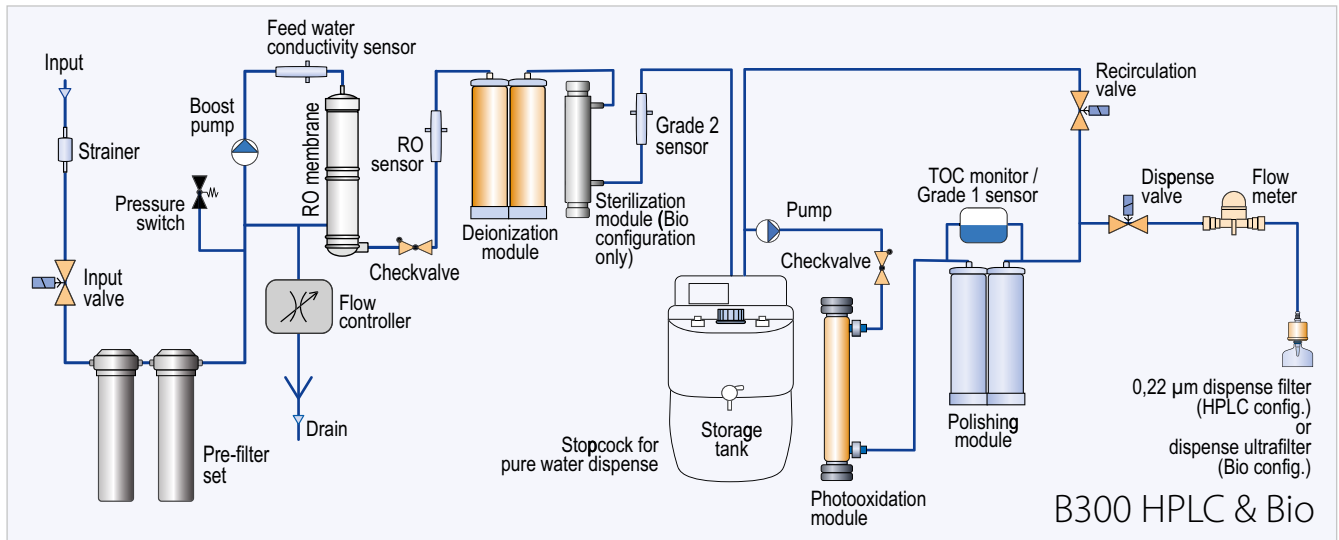
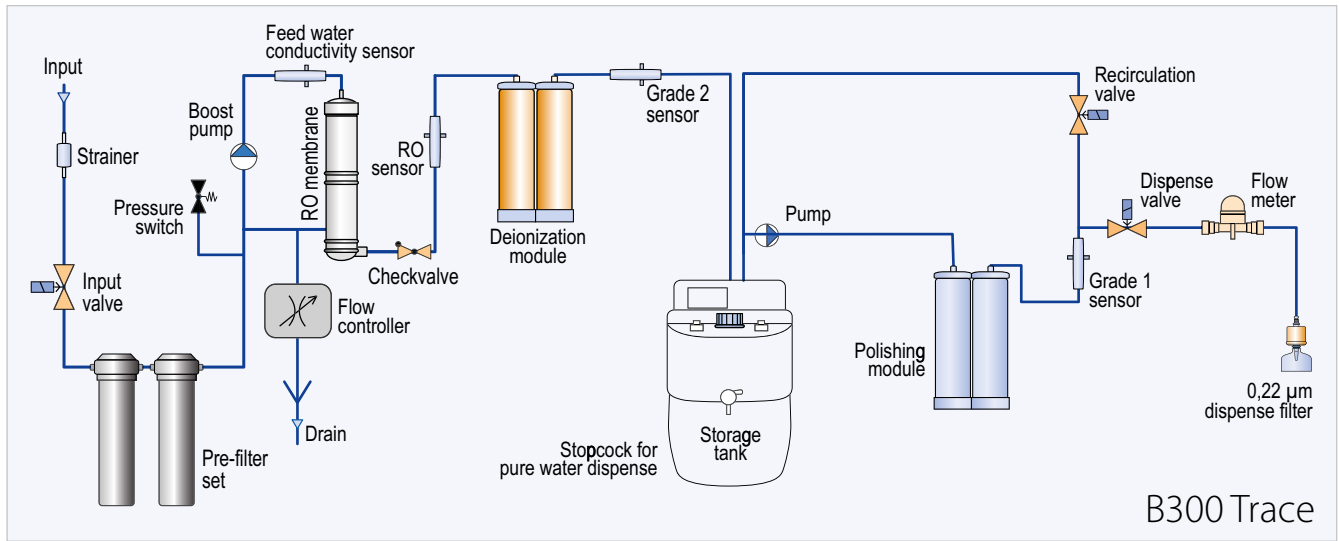
| | HPLC | Bio |
|-------------------------------------|---------------|--------------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/ cm | 0.055 μS/ cm |
| Grade 2 water conductivity at 25 °C | <0.1 μS/cm | <0.1 μS/cm |
| TDS rejection rate | ≥97% | ≥97% |
| TOC | <5 ppb* | <5 ppb* |
| RNase | - | < 1 pg/mL |
| DNase | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | < 0.001 EU/mL |
| Particles >0.22 μm | <1/ per mL | <0.05/ per mL |
| Nominal flow to storage tank | | 10 L/h** |
| Volumetric dispense | | 0.01 L to 100 L*** |
| Dispense rate, ultrapure water | 1.5 - 2 L/min | 1.5 - 2 L/min |
| Dimensions (WxDxH), cm | 32x56x58 | 32x56x58 |
| System weight, kg | 28 | 29 |
| Operation weight, kg | 31 | 32 |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

** Upgradeable to 15 L/h. Please enquire.

*** Depends on the tank volume.

Flow diagrams



Q-FRONT N



The Q-Front N offers an excellent balance of performance, user comfort, and cost efficiency, delivering both ultrapure (Grade 1) and pure (Grade 2) water directly from tap water.

Featuring a redesigned flexible side dispenser for ultrapure water, the Q-Front N ensures an ergonomic experience during everyday use, while its tool-free quick connectors enable effortless, hassle-free cartridge replacement – no assistance needed.

As with all Adrona water purification systems, the Q-Front N is available in Trace, HPLC, and Bio configurations to precisely match the unique requirements of any laboratory and application.

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------------|---|----------------------------------|
| 10411 | Pre-filter Q w/ quick connectors | If the filters are clogged or every 6 months | |
| 10311 | Deionization Q w/ quick connectors | Grade 2 water conductivity is > 0.5 µm/cm constantly or every 12 months | |
| 10031 | Polishing Q w/ quick connectors | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | |
| 10017 | Sterilization UV bulb | On average – every 12 months | “Bio” configuration |
| 10018 | Photooxidation UV bulb | On average – every 12 months | “HPLC” and “Bio” configuration |
| 10013 | Replacement 0.22 µm dispense filter | Every 6–12 months | “Trace” and “HPLC” configuration |
| 10120 | Replacement ultrafilter | Every 3–6 months | “Bio” configuration |

Water quality specifications by Q-Front N

| | Trace | HPLC | Bio |
|--|--------------|--------------|---------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 µS/cm | 0.055 µS/cm | 0.055 µS/cm |
| Grade 2 water resistivity at 25 °C | >10 MΩ x cm | >10 MΩ x cm | >10 MΩ x cm |
| Grade 2 water conductivity at 25 °C | <0.1 µS/cm | <0.1 µS/cm | <0.1 µS/cm |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU /mL | <0.15 EU /mL | <0.001 EU /mL |
| Particles >0.22 µm | <1/ per mL | <1/ per mL | <0.05/ per mL |
| Nominal flow, pure water (to storage tank) | 10 L/h** | 10 L/h** | 10 L/h** |
| Dispense rate, ultrapure water | 1.5–2 L/min | 1.5–2 L/min | 1.5–2 L/min |
| Dimensions (WxDxH), cm | 35x39x54 | 35x39x54 | 35x39x54 |
| System weight, kg | 27 | 28 | 29 |
| Operating weight, kg | 30 | 31 | 32 |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

** Upgradeable to 15 L/h. Please enquire.



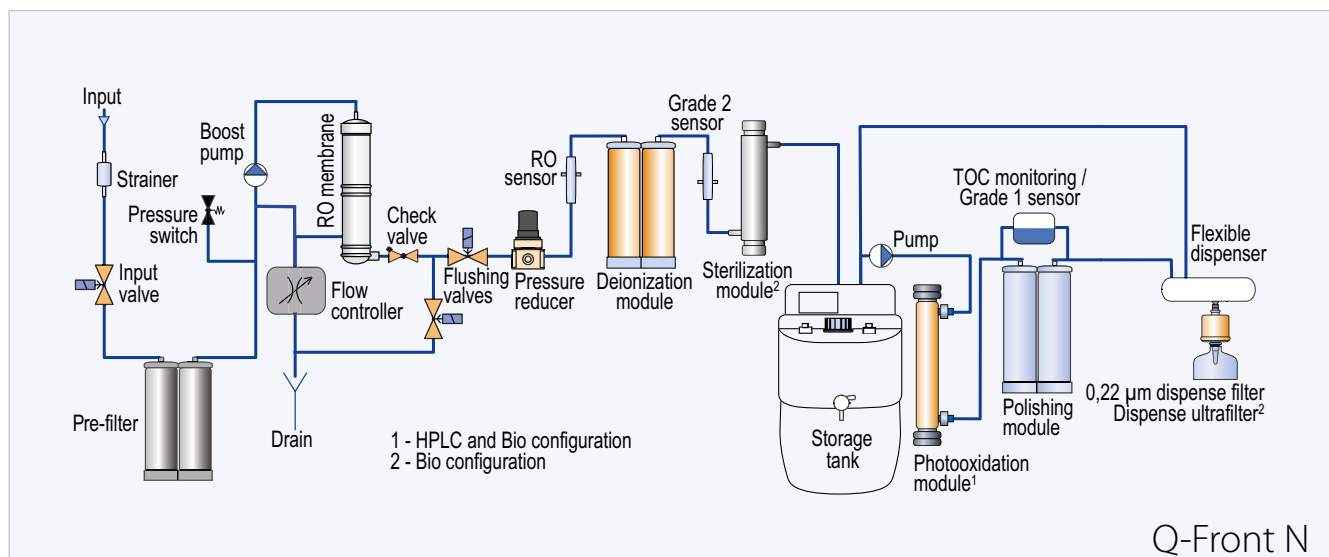
Ordering information

| Model | Part number |
|-----------------|-------------|
| Q-Front N Trace | QF-2301 |
| Q-Front N HPLC | QF-2303 |
| Q-Front N Bio | QF-2305 |

Description

| | Q-Front N Trace | Q-Front N HPLC | Q-Front N Bio |
|---------------------------------|--|--|---|
| Q-Front N water type | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | <ul style="list-style-type: none"> highly sensitive molecular biology cell culture other methods sensitive to RNase and endotoxins biology applications |
| Display | colour graphic LCD display | | |
| Water quality sensor | • | • | • |
| TOC Monitor | - | • | • |
| Volumetric dispense | • | • | • |
| Dispenser | flexible dispenser attached | | |
| Connection to Flow point | • | • | • |
| Storage tank | storage tank required, but not included | | |
| Installation | installable on a laboratory bench | | |

Flow diagram



Q-FRONT EDI

Adrona's Q-Front EDI system features a continuously self-regenerating electrodeionization (EDI) module for uninterrupted performance, and - like the Q-Front N - delivers both ultrapure (Grade 1) and pure (Grade 2) water directly from tap water.

Thanks to its integrated high-efficiency EDI stage, the Q-Front EDI is ideal for applications with high daily water consumption. It offers excellent long-term cost efficiency, as the EDI module can operate continuously for many years without needing replacement.

As with all Q-Front series models, the system features a user-friendly design with quick, tool-free access to the cartridge compartment located behind the front cover, ensuring minimal downtime during maintenance.



Description

| | Q-Front EDI Trace | Q-Front EDI HPLC | Q-Front EDI Bio |
|---------------------------------|--|--|---|
| Q-Front EDI water type | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | <ul style="list-style-type: none"> highly sensitive molecular biology cell culture other methods sensitive to RNase and endotoxins biology applications |
| Display | colour graphic LCD display | | |
| Water quality sensor | • | • | • |
| TOC Monitor | - | • | • |
| Volumetric dispense | • | • | • |
| Dispenser | flexible dispenser attached | | |
| Connection to Flow point | • | • | • |
| Storage tank | storage tank required, but not included | | |
| Installation | installable on a laboratory bench | | |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------------|---|----------------------------------|
| 10410 | Replacement pre-filter | If the filters are clogged or every 6 months | |
| 10030 | "Polishing+" module | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | |
| 10017 | Sterilization UV bulb | On average – every 12 months | "Bio" configuration |
| 10018 | Photooxidation UV bulb | On average – every 12 months | "HPLC" and "Bio" configuration |
| 10013 | Replacement 0.22 µm dispense filter | Every 6–12 months | "Trace" and "HPLC" configuration |
| 10120 | Replacement ultrafilter | Every 3–6 months | "Bio" configuration |

Ordering information

| Model | Part number |
|----------------------|-------------|
| Q-Front 5 EDI Trace | QF-4101 |
| Q-Front 10 EDI Trace | QF-4201 |
| Q-Front 5 EDI HPLC | QF-4103 |
| Q-Front 10 EDI HPLC | QF-4203 |
| Q-Front 5 EDI Bio | QF-4105 |
| Q-Front 10 EDI Bio | QF-4205 |

Specifications

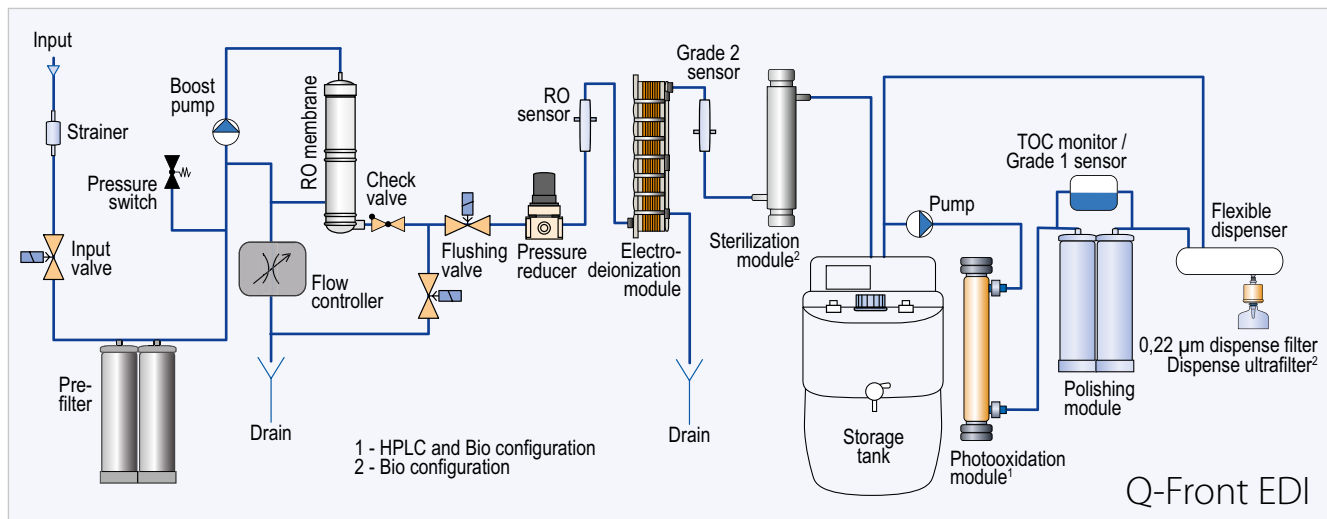
Q-Front EDI system configuration

| | Trace | HPLC | Bio |
|--|--------------|--------------|---------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/cm | 0.055 μS/cm | 0.055 μS/cm |
| Grade 2 water conductivity at 25 °C | ≤0.1 μS/cm | ≤0.1 μS/cm | ≤0.1 μS/cm |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU /mL | <0.15 EU /mL | <0.001 EU /mL |
| Particles >0.22 μm | <1/mL | <1/mL | <0.05/ per mL |
| Nominal flow, pure water (to storage tank) | 5 / 10 L/h** | 5 / 10 L/h** | 5 / 10 L/h** |
| Dispense rate, ultrapure water | 1.5–2 L/min | 1.5–2 L/min | 1.5–2 L/min |
| Feed water pressure | 0.4 - 6 bar | 0.4 - 6 bar | 0.4 - 6 bar |
| Data interface | RS 232 | RS 232 | RS 232 |
| Dimensions (WxDxH), cm | 35x39x54 | 35x39x54 | 35x39x54 |
| System weight, kg | 27 | 28 | 29 |
| Operation weight, kg | 31 | 32 | 33 |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

** Depends on the configuration. Upgradeable to 15 L/h. Please enquire.

Flow diagram



Q-FRONT



The Q-Front 5/10 model delivers both ultrapure (Grade 1) and reverse osmosis (RO) water directly from tap water. Ultrapure water quality is achieved through a single ion exchange cartridge that integrates deionization and polishing steps, simplifying system maintenance.

RO permeate water is stored in an external tank and is ideal for general laboratory uses such as glassware rinsing or supplying autoclaves and washers. Meanwhile, ultrapure (Grade 1) water is easily accessed via the flexible side dispenser for highly sensitive applications. An automatic recirculation loop periodically circulates tank water to maintain consistently excellent quality.

The Q-Front 5/10 system is available in Trace, HPLC, and Bio configurations, ensuring a tailored solution to meet the specific requirements of each laboratory.

Description

| | Q-Front Trace | Q-Front HPLC | Q-Front Bio |
|---------------------------------|--|--|---|
| Q-Front water type | <ul style="list-style-type: none"> ultrapure water (Grade 1) RO water | <ul style="list-style-type: none"> ultrapure water (Grade 1) RO water | <ul style="list-style-type: none"> ultrapure water (Grade 1) RO water |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | <ul style="list-style-type: none"> highly sensitive molecular biology cell culture other methods sensitive to RNase and endotoxins biology applications |
| Display | colour graphic LCD display | | |
| Water quality sensor | • | • | • |
| TOC Monitor | - | • | • |
| Volumetric dispense | • | • | • |
| Dispenser | flexible dispenser attached | | |
| Connection to Flow point | • | • | • |
| Storage tank | storage tank required, but not included | | |
| Installation | installable on a laboratory bench | | |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------------|---|----------------------------------|
| 10410 | Replacement pre-filter | If the filters are clogged or every 6 months | |
| 10030 | "Polishing+" module | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | |
| 10017 | Sterilization UV bulb | On average – every 12 month | "Bio" configuration |
| 10018 | Photooxidation UV bulb | On average – every 12 month | "HPLC" and "Bio" configuration |
| 10013 | Replacement 0.22 µm dispense filter | Every 6–12 months | "Trace" and "HPLC" configuration |
| 10120 | Replacement ultrafilter | Every 3–6 months | "Bio" configuration |

Ordering information

| Model | Part number |
|------------------|-------------|
| Q-Front 5 Trace | QF-3101 |
| Q-Front 10 Trace | QF-3201 |
| Q-Front 5 HPLC | QF-3103 |
| Q-Front 10 HPLC | QF-3203 |
| Q-Front 5 Bio | QF-3105 |
| Q-Front 10 Bio | QF-3205 |

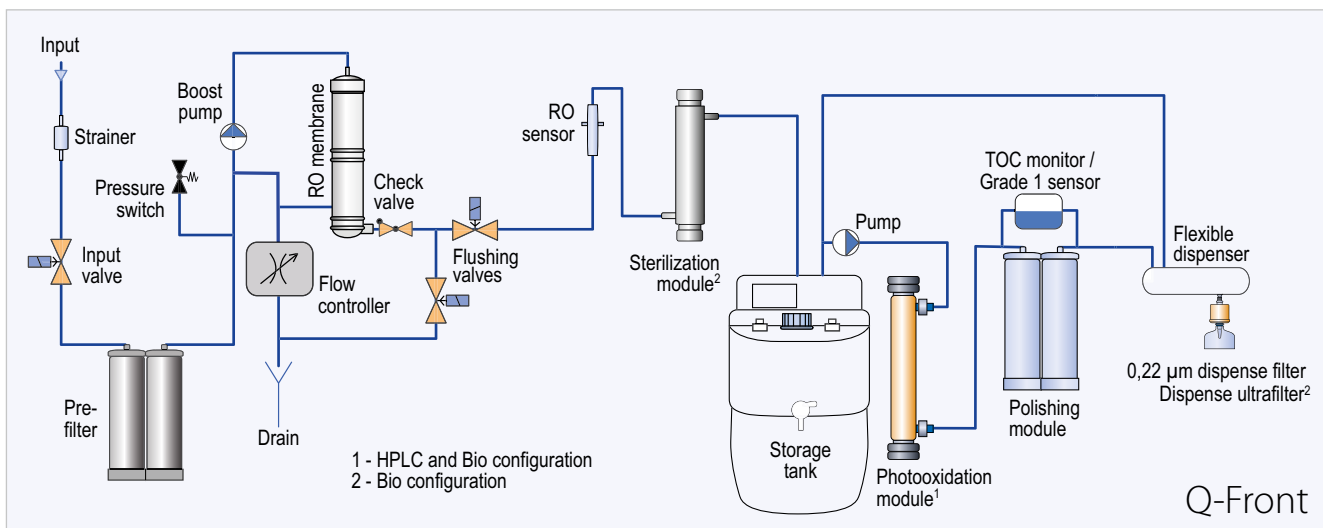
Specifications

| | Q-Front system configuration | | |
|--|------------------------------|--------------|---------------|
| | Trace | HPLC | Bio |
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/cm | 0.055 μS/cm | 0.055 μS/cm |
| TDS rejection rate | ≥97% | ≥97% | ≥97% |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU /mL | <0.15 EU /mL | <0.001 EU /mL |
| Particles >0.22 μm | <1/mL | <1/mL | <0.05/ per mL |
| Nominal flow, pure water (to storage tank) | 5 / 10 L/h** | 5 / 10 L/h** | 5 / 10 L/h** |
| Dispense rate, ultrapure water | 1.5–2 L/min | 1.5–2 L/min | 1.5–2 L/min |
| Feed water pressure | 0.4 - 6 bar | 0.4 - 6 bar | 0.4 - 6 bar |
| Data interface | RS 232 | RS 232 | RS 232 |
| Dimensions (WxDxH), cm | 35x39x54 | 35x39x54 | 35x39x54 |
| System weight, kg | 25 | 26 | 27 |
| Operation weight, kg | 28 | 29 | 30 |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

** Depends on the configuration. Upgradeable to 15 L/h. Please enquire.

Flow diagram



INTEGRITY+

Integrity+ is smart solution for laboratories requiring relatively low daily volumes of highly purified water for sensitive applications. The system produces ultrapure (Grade 1) water directly from tap water and includes a built-in 5-liter tank, saving the valuable bench space.

A clear, full-color display provides real-time information on key operating parameters such as water quality, system status, automatic error notifications, and an intuitive flow diagram. The volumetric dispensing feature enhances user convenience, while integrated TOC monitoring (available in HPLC and Bio configurations) ensures water quality meets the strict requirements of even the most sensitive applications.



Ultrapure water is dispensed directly from the front port, with the option to add the Flow Point remote dispenser (see Accessories section) for a second, flexible ultrapure water access point.

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------|---|-----------------------------|
| 10319 | Pre-filter set | If the filters are clogged or every 6 months | |
| 10030 | Polishing module "Polishing+" | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | |
| 10018 | UV photooxidation bulb | On average – every 12 months | Only for „Bio“ and „HPLC“ |
| 10013 | 0.22 µm dispense filter | Every 6–12 months | Only for „Trace“ and „HPLC“ |
| 10120 | Replacement ultrafilter | Every 3–6 months | Only for „Bio“ |

Specifications

| | Integrity+ system configuration | | |
|--|---------------------------------|---------------|---------------|
| | Trace | HPLC | Bio |
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 µS/cm | 0.055 µS/cm | 0.055 µS/cm |
| Grade 2 water conductivity at 25 °C | 0.1 µS/cm | 0.1 µS/cm | 0.1 µS/cm |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU /mL | <0.01 CFU /mL | <0.01 CFU /mL |
| Endotoxins | <0.15 EU /mL | <0.15 EU /mL | <0.001 EU /mL |
| Particles >0.22 µm | <1/mL | <1/mL | <0.05/mL |
| Nominal flow, pure water (to storage tank) | 4 L/h | 4 L/h | 4 L/h |
| Dispense rate, ultrapure water | <2 L/min | <2 L/min | <2 L/min |
| Dimensions (WxDxH), cm | 32x56x62 | 32x56x62 | 32x56x62 |
| System weight, kg | 24 | 25 | 26 |
| Operation weight, kg | 32 | 33 | 34 |
| Data interface | RS 232 | RS 232 | RS 232 |
| Feed water pressure | 2 – 6 bar | 2 – 6 bar | 2 – 6 bar |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

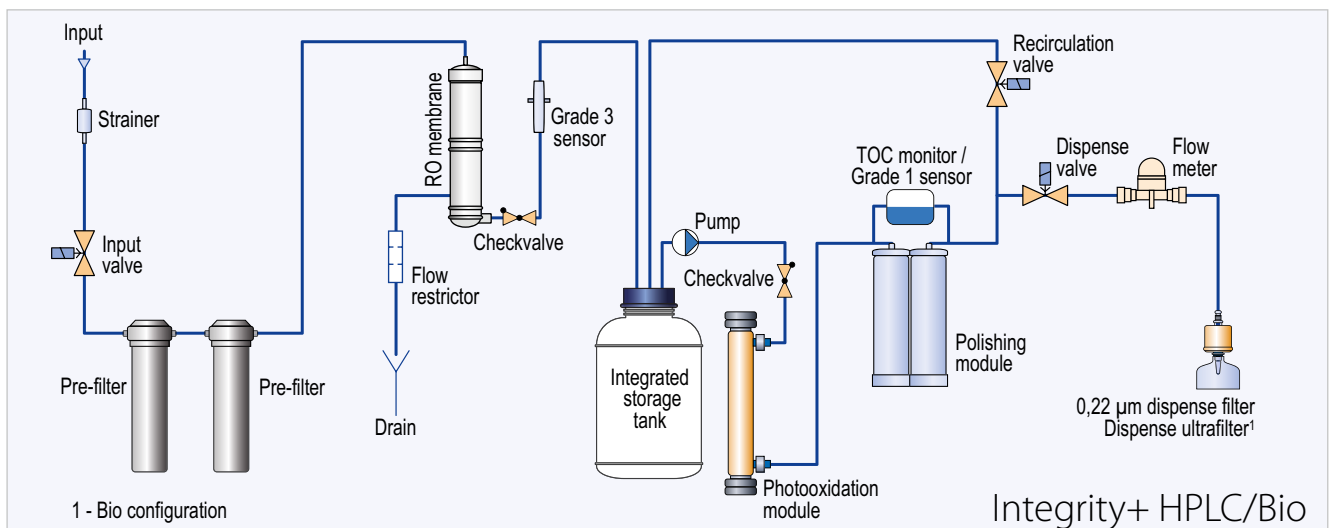
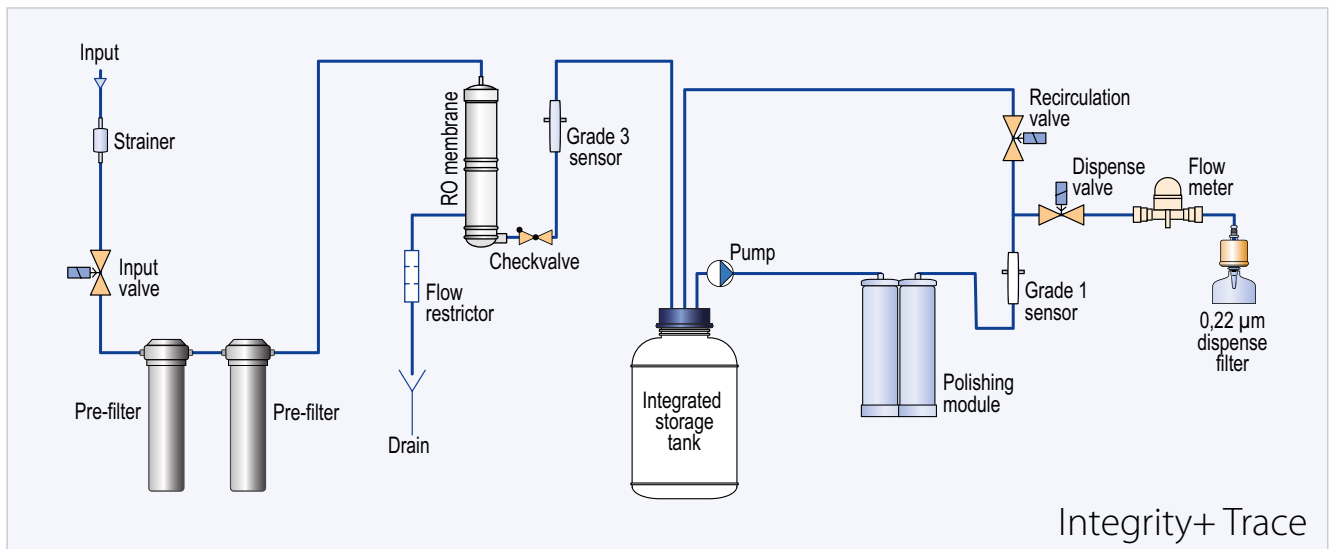
Ordering information

| Model | Part number |
|------------------|-------------|
| Integrity+ Trace | CB-2101 |
| Integrity+ HPLC | CB-2103 |
| Integrity+ Bio | CB-2105 |

Description

| | Integrity+ Trace | Integrity+ HPLC | Integrity+ Bio |
|-----------------------|--|--|---------------------------------------|
| Water type | ultrapure water (Grade 1) | ultrapure water (Grade 1) | ultrapure water (Grade 1) |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | highly sensitive biology applications |
| Display | colour graphic LCD display | | |
| Conductivity sensor | • | • | • |
| TOC Monitor | - | • | • |
| Volumetric dispensing | • | • | • |
| Storage tank | integrated tank 5L | | |
| Installation | installable either on a laboratory bench or on a wall | | |

Flow diagrams



E30



The E30 model offers a well-balanced combination of simplicity, convenience, and reliable performance. It delivers both ultrapure (Grade 1) and pure (Grade 2) water directly from tap water, providing exceptional value for cost. The system setup includes an external tank for pure (Grade 2) water, with

automatic periodic recirculation to maintain long-term water quality stability. As part of the standard package, the E30 is equipped with a 30-liter tank, with larger tank capacities available (see Accessories section) to suit specific needs and daily usage patterns.

Description

| | E30 Trace | E30 HPLC | E30 Bio |
|---------------------------------|--|--|---|
| Water type | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | highly sensitive biology applications |
| Display | colour LCD display | | |
| Conductivity sensor | • | • | • |
| TOC Monitor | - | • | • |
| Volumetric dispensing | • | • | • |
| Connection to Flow point | • | • | • |
| Storage tank | required but not included | | |
| Installation | installable on a laboratory bench | | |

Specifications

| | E30 Trace | E30 HPLC | E30 Bio |
|---|--------------|--------------|--------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/cm | 0.055 μS/cm | 0.055 μS/cm |
| Grade 2 water conductivity at 25 °C | <0.1 μS/cm | <0.1 μS/cm | <0.1 μS/cm |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | <0.001 EU/mL |
| Particles >0.22 μm | <1 per mL | <1 per mL | <0.05/mL |
| Nominal flow, pure water (to storage tank) | 10 L/h** | 10 L/h** | 10 L/h** |
| Dispense rate, ultrapure water | 1.5-2 L/min | 1.5-2 L/min | 1.5-2 L/min |
| Dimensions (WxDxH), cm | 40x35x55 | 40x35x55 | 40x35x55 |
| System weight, kg | 17 | 18 | 19 |
| Operation weight, kg | 24 | 25 | 26 |
| Feed water pressure | 0.4- 6 bar | 0.4- 6 bar | 0.4- 6 bar |
| Feed water conductivity | < 1500 μS/cm | < 1500 μS/cm | < 1500 μS/cm |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

** Upgradeable to 15 L/h. Please enquire.

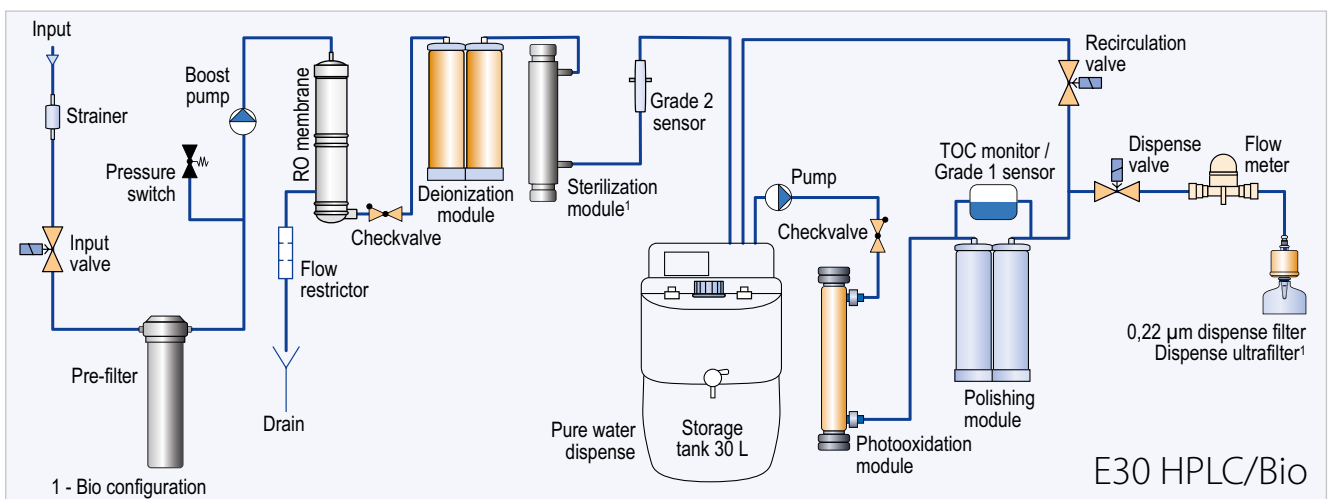
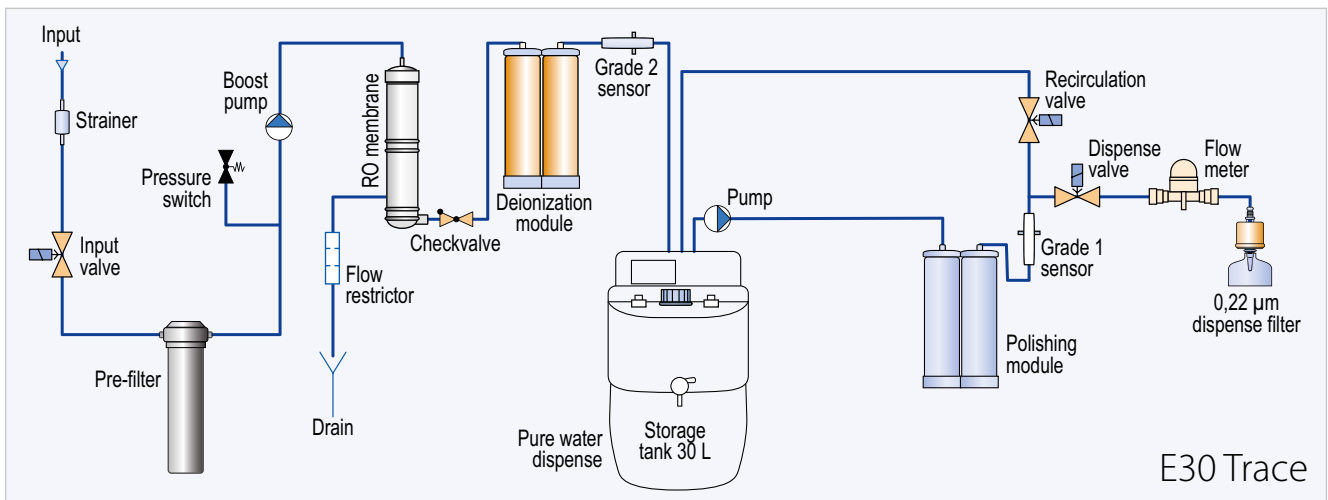
Ordering information

| Model | Part number |
|-----------|-------------|
| E30 Trace | CE30-1001 |
| E30 HPLC | CE30-1101 |
| E30 Bio | CE30-1201 |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|---|--|-------------------------------|
| 10320 | Replacement pre-filter | If the filters are clogged or every 6 months | |
| 10310 | Replacement deionization module | Grade 2 water conductivity is $> 0.5 \mu\text{m/cm}$ constantly or every 12 months | |
| 10030 | Polishing module "Polishing+" | Grade 1 water conductivity is $> 0.1 \mu\text{m/cm}$ constantly or every 12 months | |
| 10017 | Replacement sterilization UV bulb | On average – every 12 months | „Bio“ systems only |
| 10018 | Replacement photooxidation UV bulb | On average – every 12 months | „HPLC“ and „Bio“ systems only |
| 10013 | Replacement 0.22 μm dispense microfilter | Every 6–12 months | „Trace“ and „HPLC“ systems |
| 10120 | Replacement ultrafilter | Every 3–6 months | „Bio“ systems only |

Flow diagrams



CRYSTAL EX



If you're looking for a straightforward and dependable solution to meet your daily purified water needs, Crystal EX is the answer. Designed to operate directly from tap water, this system provides a reliable and cost-effective source of both ultrapure (Grade 1) and pure (Grade 2) water.

Built for robustness and long-term stability, Crystal EX ensures trouble-free operation over time. As with all Adrona ultrapure water systems, it is available in Trace, HPLC, and Bio configurations to meet a wide range of scientific application requirements.

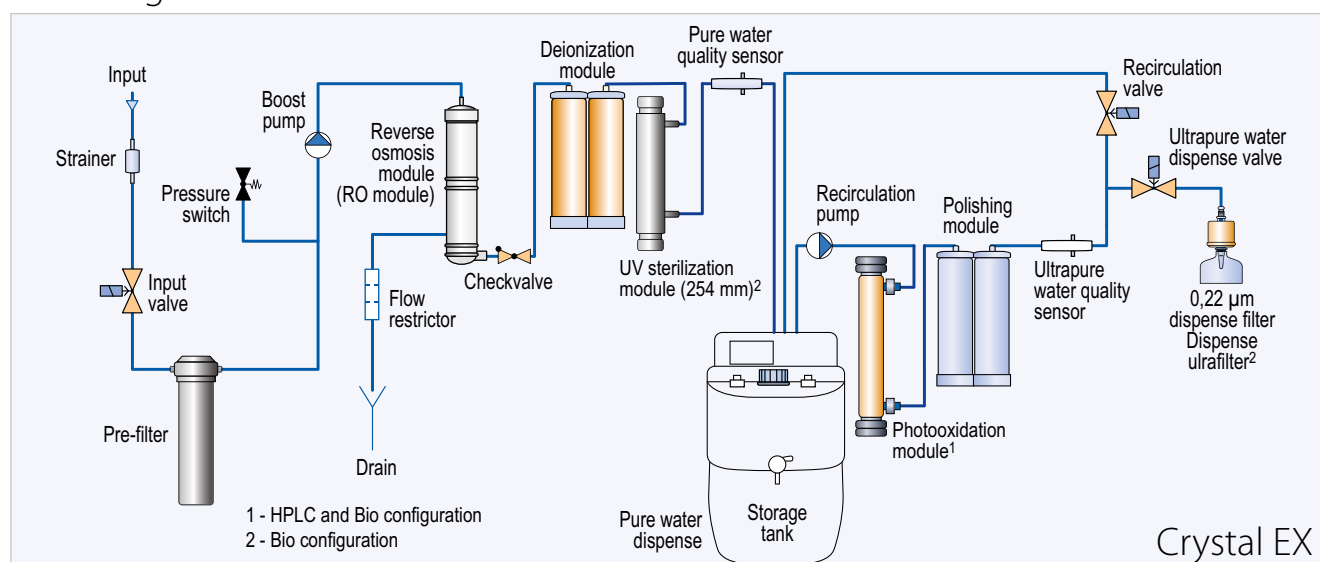
Ordering information

| Model | Part number |
|------------------|-------------|
| Crystal EX Trace | EX-1001 |
| Crystal EX HPLC | EX-1101 |
| Crystal EX Bio | EX-1201 |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|---|---|-------------------------------|
| 10320 | Replacement pre-filter | If the filters are clogged or every 6 months | |
| 10310 | Replacement deionization module | Grade 2 water conductivity is $> 0.5 \mu\text{m}/\text{cm}$ constantly or every 12 months | |
| 10030 | Polishing module "Polishing+" | Grade 1 water conductivity is $> 0.1 \mu\text{m}/\text{cm}$ constantly or every 12 months | |
| 10017 | Replacement sterilization UV bulb | On average – every 12 months | „Bio“ systems only |
| 10018 | Replacement photooxidation UV bulb | On average – every 12 months | „HPLC“ and „Bio“ systems only |
| 10013 | Replacement $0.22 \mu\text{m}$ dispense microfilter | Every 6–12 months | „Trace“ and „HPLC“ systems |
| 10120 | Replacement ultrafilter | Every 3–6 months | „Bio“ systems only |

Flow diagram



Description EX series

| | Trace | HPLC | Bio |
|--------------------------|--|--|---|
| Water type | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | highly sensitive biology applications |
| Display | Monochrome LCD display | | |
| Conductivity sensor | • | • | • |
| TOC Monitor | - | - | - |
| Volumetric dispensing | - | - | - |
| Connection to Flow point | - | - | - |
| Storage tank | required but not included | | |
| Installation | installable on a laboratory bench | | |

Specifications

| | Crystal EX Trace | Crystal EX HPLC | Crystal EX Bio |
|--|------------------|-----------------|----------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/cm | 0.055 μS/cm | 0.055 μS/cm |
| Grade 2 water resistivity at 25 °C | >10 MΩ x cm | >10 MΩ x cm | >10 MΩ x cm |
| Grade 2 water conductivity at 25 °C | <0.1 μS/cm | <0.1 μS/cm | <0.1 μS/cm |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | <0.001 EU/mL |
| Particles >0.22 μm | <1 per mL | <1 per mL | <1 per mL |
| Nominal flow, pure water (to storage tank) | 10 L/h** | 10 L/h** | 10 L/h** |
| Dispense rate, ultrapure water | 1.5-2 L/min | 1.5-2 L/min | 1.5-2 L/min |
| Dimensions (WxDxH), cm | 40x35x55 | 40x35x55 | 40x35x55 |
| System weight, kg | 17 | 18 | 19 |
| Operation weight, kg | 24 | 25 | 26 |
| Feed water pressure | 0.4 – 4 bar | 0.4 – 4 bar | 0.4 – 4 bar |
| Feed water conductivity | < 1500 μS/cm | < 1500 μS/cm | < 1500 μS/cm |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

** Upgradeable to 15 L/h. Please enquire.

COMPACT

The new Compact ultrapure line builds on the proven performance of the Compact Pure systems, delivering both ultrapure Grade 1 and pure Grade 2 water.

Designed as a complement to the Crystal EX systems, Compact ultrapure line offers similar water quality specifications but in a more compact form.

It features an integrated ultrapure water dispenser and is intended for applications with relatively low (10-15 L) daily consumption.

The system combines performance, efficiency, and space-saving design at an especially attractive price point.



Description

| | Trace | HPLC | Bio |
|---------------------------------|--|--|---|
| Water type | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) | <ul style="list-style-type: none"> ultrapure water (Grade 1) pure water (Grade 2) |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | highly sensitive biology applications |
| Display | Monochrome LCD display | | |
| Conductivity sensor | • | • | • |
| TOC Monitor | - | - | - |
| Volumetric dispensing | - | - | - |
| Connection to Flow point | - | - | - |
| Storage tank | required but not included | | |
| Installation | installable on a laboratory bench | | |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|--|---|----------------------------|
| 10320 | Pre-filter | When the filters are clogged or when filter timer has run out, approximately, every 6 months | |
| 10314 | Combined deionization and polishing module | When warning symbol is present. When Grade 1 water conductivity is constantly >0.1 µm/cm or every 12 months | |
| 10104 | UV LED sterilization module | When required (on average – every 2 years) | „Bio“ systems only |
| 10018 | Replacement photooxidation UV bulb | On average – every 12 months | „Trace“ and „HPLC“ systems |
| 10013 | Replacement 0.22 µm dispense microfilter | Every 6–12 months | „Trace“ and „HPLC“ systems |
| 10120 | Replacement ultrafilter | Every 3–6 months | „Bio“ systems only |

Specifications Compact

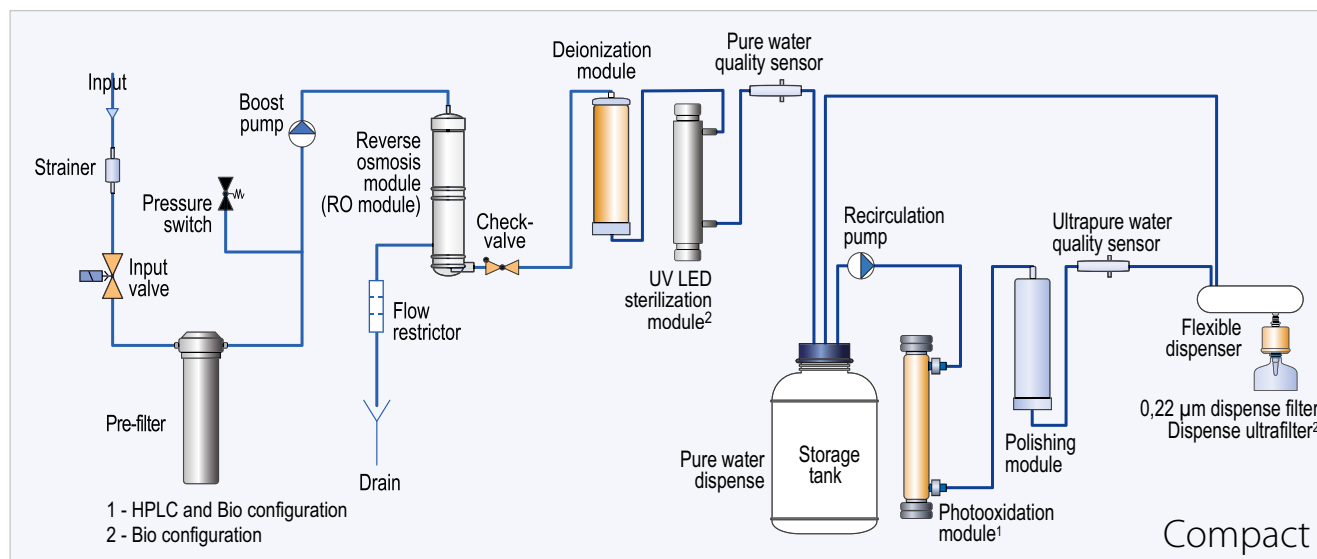
| | Compact Trace | Compact HPLC | Compact Bio |
|--|-----------------|-----------------|-----------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 μS/cm | 0.055 μS/cm | 0.055 μS/cm |
| Grade 2 water resistivity at 25 °C | >10 MΩ x cm | >10 MΩ x cm | >10 MΩ x cm |
| Grade 2 water conductivity at 25 °C | <0.1 μS/cm | <0.1 μS/cm | <0.1 μS/cm |
| TOC | <10 ppb | <5 ppb* | <5 ppb* |
| Rnase | - | - | <1 pg/mL |
| Dnase | - | - | <5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | <0.001 EU/mL |
| Particles | >0.22 μm | <1/ per mL | <1/ per mL |
| Nominal flow, pure water (to storage tank) | 10 L/h | 10 L/h | 10 L/h |
| Dispense rate, ultrapure water | Up to 1.5 L/min | Up to 1.5 L/min | Up to 1.5 L/min |
| Dimensions (Body), cm | 26x36x45 | 26x36x45 | 26x36x45 |
| Dimensions (w/ dispenser), cm | 33x36x57 | 33x36x57 | 33x36x57 |
| System weight, kg | 17 | 17 | 17 |
| Operation weight, kg | 19 | 19 | 19 |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

Ordering information

| Model | Part number |
|---------------|-------------|
| Compact Trace | CT-1001 |
| Compact HPLC | CT-1101 |
| Compact Bio | CT-1201 |

Flow diagram



COMPACT RO & PURE

The Compact RO and Compact Pure are an excellent choice for a wide range of general laboratory applications - depending on the model, system produces reverse osmosis (RO) or pure (Grade 2) water in a space-saving design.

The Compact RO/Pure system is available in two configurations, with a choice of either an atmospheric storage tank or a pressurized external storage tank.

This flexibility allows seamless integration into various laboratory setups, including those where both reverse osmosis (RO) and pure (Grade 2) water are required from a single system. For example, the Compact Pure model with a pressurized tank can simultaneously provide a direct RO water feed to autoclaves or glassware washers, while also supplying Grade 2 water for general laboratory applications.



The Compact Pure system (Grade 2 pure water) is also available with an integrated, self-regenerating EDI (electrodeionization) module, ensuring cost-effective, long-term operation. It is especially well-suited for laboratories with higher daily water consumption.

Adrona offers a wide range of storage tank sizes and pump dosing options. Please refer to the Accessories section for more details.

Specifications Compact RO & Pure

| | Compact RO | Compact Pure | Compact EDI Pure |
|--|---|--------------------------|------------------------------------|
| Grade 2 water resistivity at 25 °C | N/A | >10 MΩ x cm | >5 MΩ x cm, typical ≥10 MΩ x cm |
| Grade 2 water conductivity at 25 °C | N/A | <0.1 μS/cm | 0.2 μS/cm, typical ≤0.1 μS/cm |
| TDS rejection rate | ≥97%* | N/A | N/A |
| Nominal flow, pure water (to storage tank) | 10 L/h | 10 L/h 4 L/h (Pure 4) | 5 / 10 / 15 L/h |
| TOC monitor | - | - | - |
| Volumetric dispense | - | - | - |
| Dimensions (WxDxH), cm | 23x30x41 | 23x30x41 | 23x30x41 |
| System weight, kg | 10 | 12 | 11 |
| Operation weight, kg | 11 | 15 | 12 |
| Dispenser | Optional, more information in "Accessories" | | |

* Typically ≥98.5%.

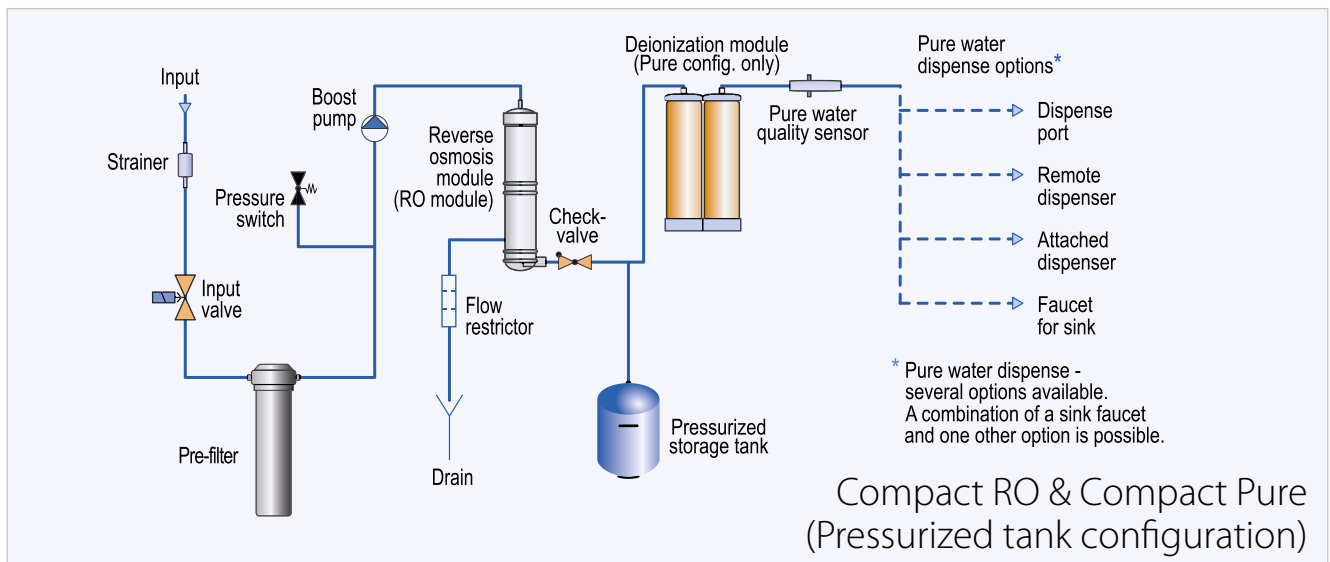
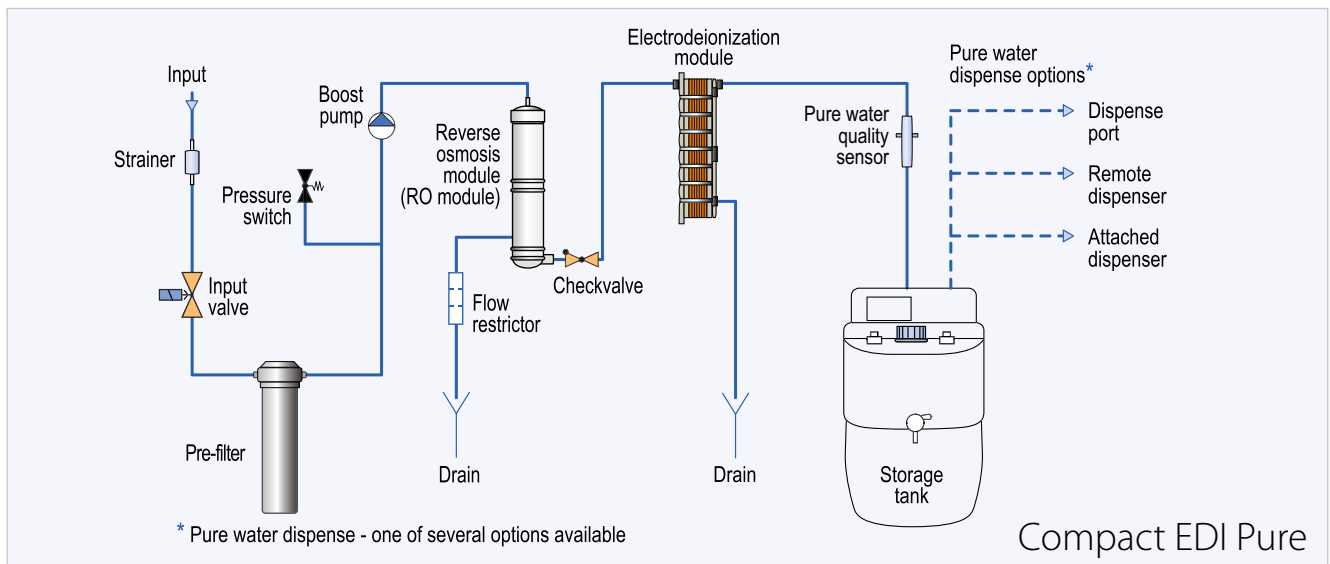
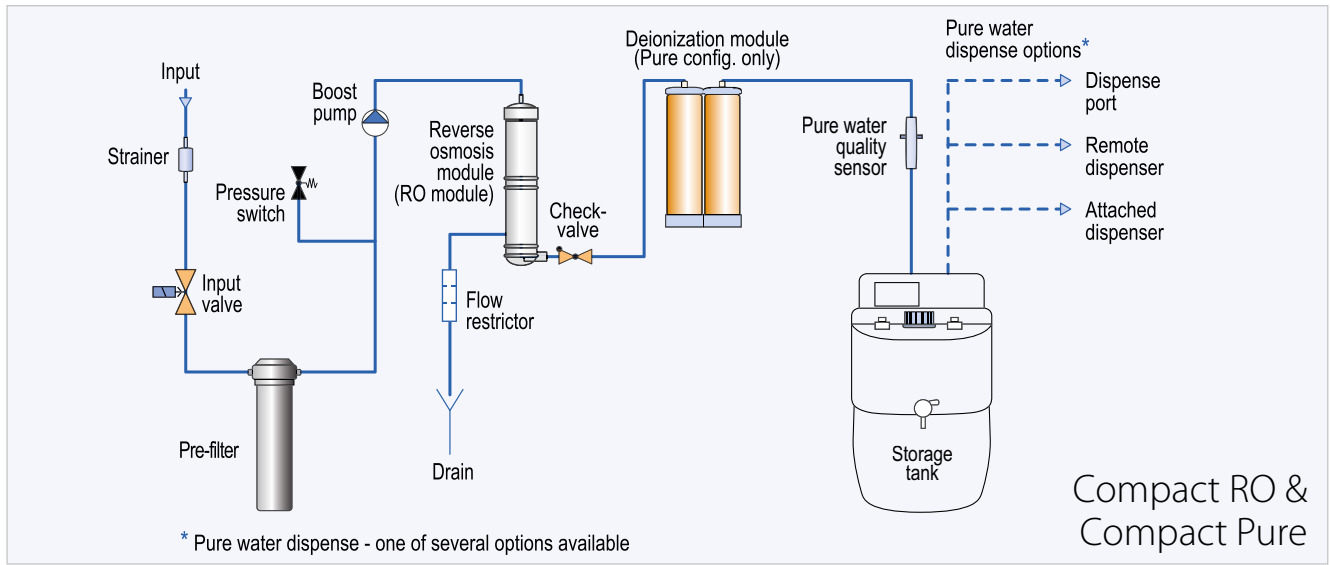
Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|---------------------|--|--------------------|
| 10320 | Pre-filter | When the filters are clogged or when filter timer has run out, approximately, every 6 months | |
| 10312 | Deionization module | When warning symbol is present. Or when Grade 2 water conductivity is constantly >0.5 μm/cm | "Pure" system only |

Ordering information

| Model | Part number | Configuration |
|---------------------|-------------|---------------|
| Compact RO | CT-1245 | |
| Compact Pure | CT-1005 | |
| Compact Pure 4 | CT-1004 | Atmospheric |
| Compact 5 EDI Pure | CT-5100 | |
| Compact 10 EDI Pure | CT-5200 | |
| Compact 15 EDI Pure | CT-5300 | |
| Compact RO | CT-1246 | Pressurized |
| Compact Pure | CT-1006 | |

Flow diagrams



CRYSTAL EX DOUBLE FLOW



The Crystal EX Double Flow system delivers pure (Grade 2) water directly from tap water, with a standard flow rate of 20 L/h. Designed for laboratories with increased daily water consumption (30 liters/day or more), it offers an efficient solution for consistent water production. Thanks to its large-capacity 8-liter deionization module, the system

ensures reduced long-term operating costs and extended maintenance intervals.

Purified water is stored in an external tank, connected via a level switch to enable fully autonomous operation. A variety of tank sizes and accessories are available, please refer to the Accessories section for more details.

Ordering information

| Model | Part number |
|------------------------|-------------|
| Crystal EX Double Flow | EX20-1002HC |

Specifications

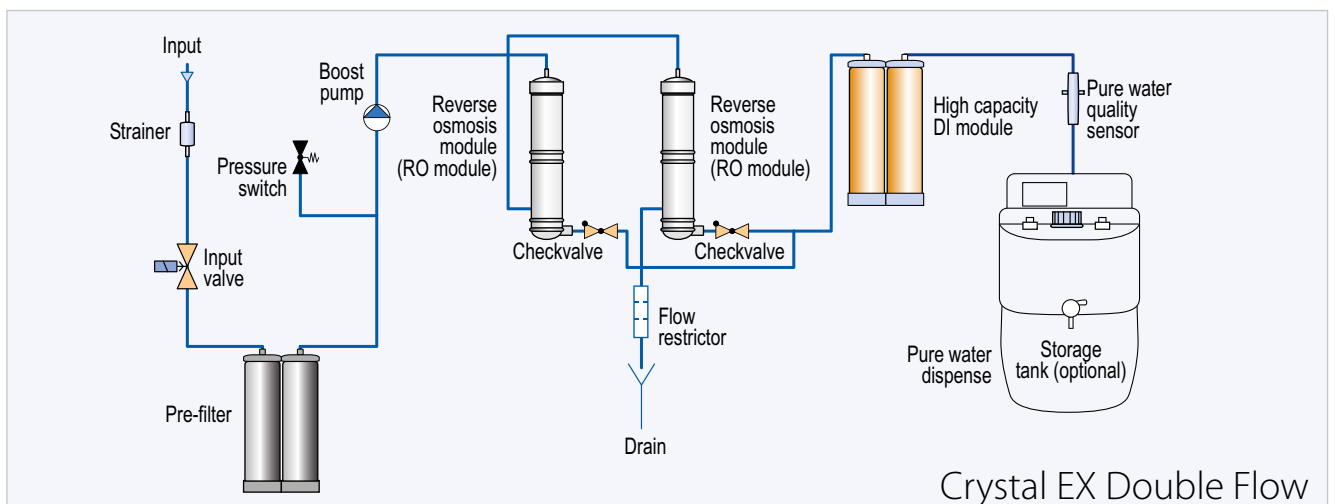
| | |
|--|-------------|
| Grade 2 water resistivity at 25 °C | >10 MΩ x cm |
| Grade 2 water conductivity at 25 °C | <0.1 μS/cm |
| Particles >0.22 μm | <1 per mL |
| Nominal flow, pure water (to storage tank) | 20 L/h |
| Dimensions (WxDxH), cm | 40x50x55 |
| System weight, kg | 26 |
| Operation weight, kg | 39 |
| Feed water pressure | 0.4 – 4 bar |
| Feed water conductivity | <1500 μS/cm |

Description

| | |
|--------------------------|---|
| Water type | Grade 2 water |
| Application | <ul style="list-style-type: none"> • flame spectrophotometry • inorganic analytical methods • electrochemistry • buffer preparation |
| Display | Monochrome LCD |
| Conductivity sensor | • |
| TOC Monitor | - |
| Volumetric dispensing | - |
| Pressurized storage tank | Required, not included |
| Installation | Bench |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-----------------------------------|--|--------------------------------|
| 10410 | Pre-filter module | If the filters are clogged or every 6 months | |
| 10113 | High-capacity deionization module | Grade 2 water conductivity is >0.5 μm/cm constantly or every 12 months | |
| 10017 | Sterilization UV bulb | On average – every 12 months | Only systems with 10103 option |





COMPACT STERIFEED

Compact Sterifeed is an updated water purification system specially designed to produce feed water for autoclaves and laboratory washing machines.

It features robust construction, reliable performance and space-saving design.

The pressurized water storage tank ensures a consistent supply of water to the autoclave. Many autoclaves require a pressurized purified water supply. Some autoclaves have priming pumps for purified water inlet, but if the water supply is not pressurized, an air gap

can block the water flow. If a blockage occurs, the autoclave cannot operate until the air is removed from the system. The pressurized water storage tank in the Sterifeed system prevents any air gap from forming and ensures smooth operation of the autoclave.

Ordering information

| Model | Part number |
|-------------------|-------------|
| Compact Sterifeed | CT-1002 |

Consumables

| Part number | Description | Replacement criteria |
|-------------|----------------|--|
| 10416 | Pre-filter set | If the filters are clogged or every 6 months |

Description

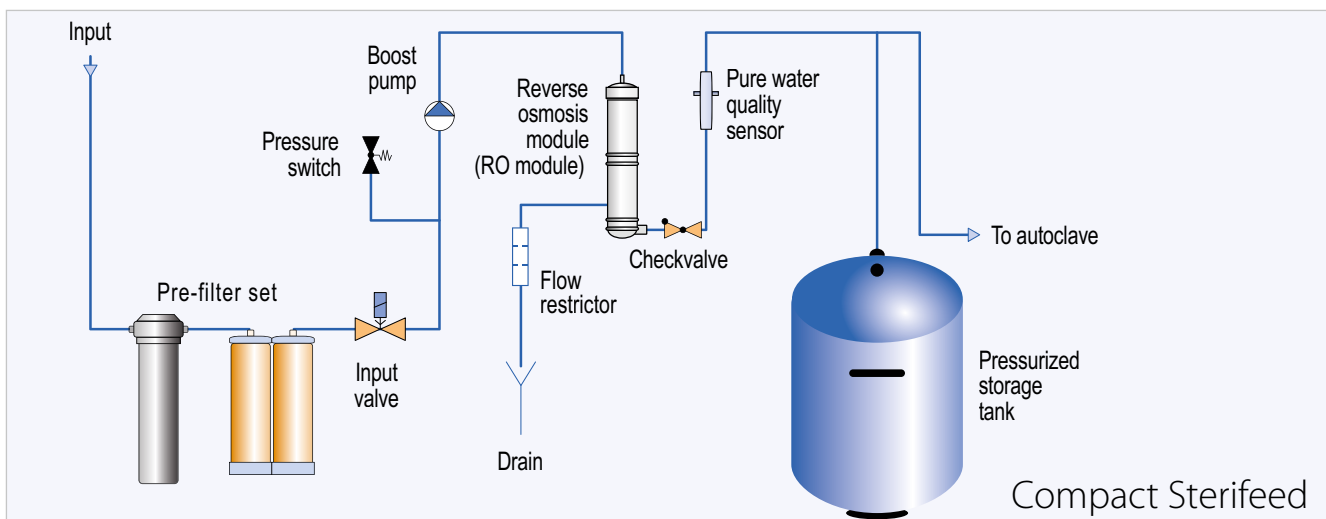
| | |
|--------------------------|-------------------------------|
| Water type | RO water |
| Application | Purified water for autoclaves |
| Display | Monochrome LCD |
| Conductivity sensor | • |
| TOC Monitor | - |
| Volumetric dispensing | - |
| Pressurized storage tank | Required, not included |
| Installation | Wall / bench |

Specifications

| | |
|--|-------------|
| TDS rejection rate | ≥97% |
| Particles >0.22 μm | <1 per mL |
| Nominal flow, pure water (to storage tank) | 10 L/h |
| Dimensions (WxDxH), cm | 23x30x41 |
| System weight, kg | 12 |
| Operation weight, kg | 15 |
| Pressurized storage tank* | 60 L |
| Feed water pressure | 0.4 – 4 bar |
| Feed water conductivity | <1500 μS/cm |

* Required but not included. Other capacities available.

Flow diagram



ONSITE+

The Onsite+ polishing system delivers ultrapure (Grade 1) water directly at the point of use, all in a compact, plug-and-play design. Its integrated 5-liter tank is manually filled with pre-treated water (such as reverse osmosis or distilled water), allowing ultrapure water production without the need for a permanent feedwater connection.

Like the other Adrona ultrapure water systems, Onsite+ features an internal automatic recirculation loop to ensure consistently high water quality. With only a standard power outlet required, the system offers virtually trouble-free installation, making it an ideal solution for flexible lab setups, remote locations or temporary workstations.



Ordering information

| Model | Part number |
|---------------|-------------|
| Onsite+ Trace | CB-1901 |
| Onsite+ HPLC | CB-1903 |
| Onsite+ Bio | CB-1905 |

Description Onsite+ series

| | Trace | HPLC | Bio |
|--------------------------|--|--|---------------------------------------|
| Water type | ultrapure water (Grade 1) | ultrapure water (Grade 1) | ultrapure water (Grade 1) |
| Application | <ul style="list-style-type: none"> atomic absorption spectrometry plasma optical emission spectrometry other inorganic trace analysis | <ul style="list-style-type: none"> chromatography mass spectrometry microbiology molecular biology | highly sensitive biology applications |
| Display | colour graphic LCD display | | |
| Conductivity sensor | • | • | • |
| TOC Monitor | - | • | • |
| Volumetric dispensing | • | • | • |
| Connection to Flow point | • | • | • |
| Storage tank | integrated tank 5 L for pre-treated water | | |
| Installation | installable either on a laboratory bench or on a wall | | |

Consumables

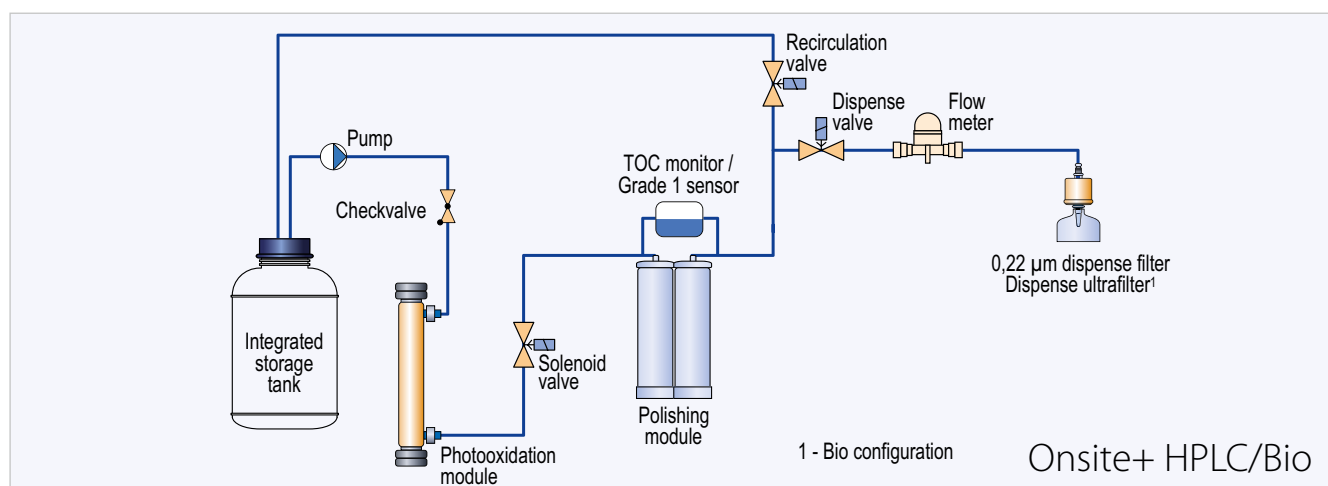
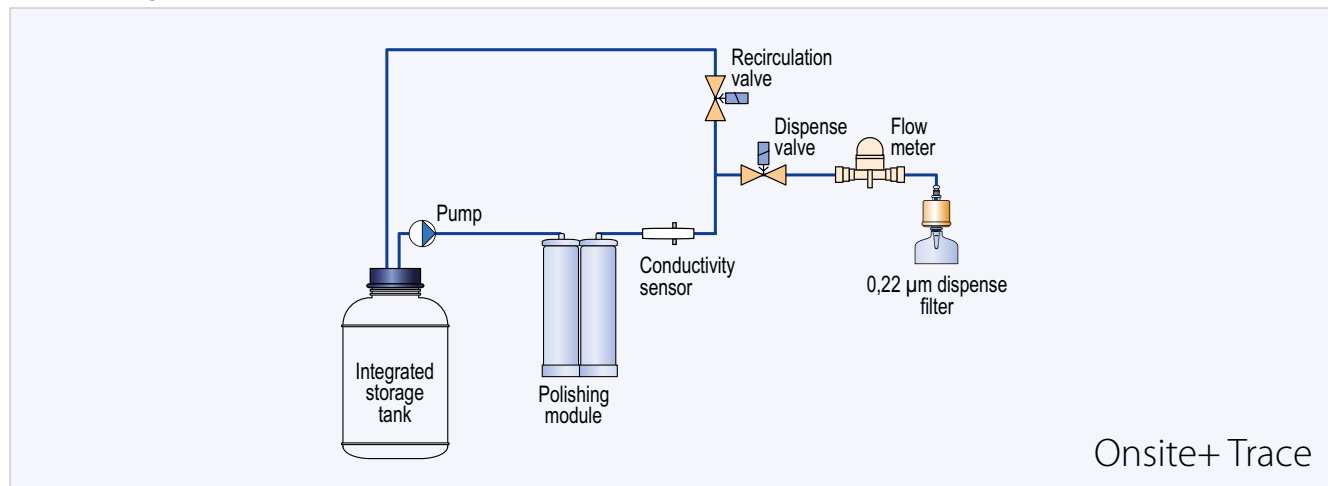
| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------|--|-----------------------------|
| 10030 | Polishing module "Polishing+" | Grade 1 water conductivity is >0.1 µm/cm constantly or every 12 months | |
| 10018 | UV photooxidation bulb | On average – every 12 months | Only for „Bio“ and „HPLC“ |
| 10013 | Point-of-use microfilter | Every 6–12 months | Only for „Trace“ and „HPLC“ |
| 10120 | Point-of-use ultrafilter | Every 3–6 months | Only for „Bio“ |

Specifications

| | Trace | HPLC | Bio |
|---------------------------------------|--------------|--------------|--------------|
| Ultrapure water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Ultrapure water conductivity at 25 °C | 0.055 μS/cm | 0.055 μS/cm | 0.055 μS/cm |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | <0.001 EU/mL |
| Particles >0.22 μm | <1/mL | <1/mL | <0.05/mL |
| Dispense rate, ultrapure water | <1.5 L/min | <1.5 L/min | <1.5 L/min |
| Dimensions (WxDxH), cm | 30x44x64 | 30x44x64 | 30x44x64 |
| System weight, kg | 16 | 17 | 17 |
| Operation weight, kg | 21 | 22 | 22 |
| Feed water conductivity | < 100 μS/cm | < 100 μS/cm | < 100 μS/cm |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

Flow diagrams



CONNECT

The Adrona Connect polishing system, similar to the Onsite+ model, delivers ultrapure (Grade 1) water but is designed for direct connection to a pretreated water source.

Its flexible design allows for easy integration into a variety of laboratory environments. Connect can be installed with a pressurized, centralized pretreated water supply, including configurations with multiple systems at point-of-use stations throughout a facility.

Alternatively, it can be connected to a non-pressurized atmospheric tank containing pretreated water, with no additional booster pump required.



Ordering information

| Model | Part number |
|---------------|-------------|
| Connect Trace | CB-1701 |
| Connect HPLC | CB-1703 |
| Connect Bio | CB-1705 |

Description Connect series

| | Trace | HPLC | Bio |
|---------------------------------|--|--|---------------------------------------|
| Water type | ultrapure water (Grade 1) | ultrapure water (Grade 1) | ultrapure water (Grade 1) |
| Application | <ul style="list-style-type: none"> • atomic absorption spectrometry • plasma optical emission spectrometry • other inorganic trace analysis | <ul style="list-style-type: none"> • chromatography • mass spectrometry • microbiology • molecular biology | highly sensitive biology applications |
| Display | colour graphic LCD display | | |
| Conductivity sensor | • | • | • |
| TOC Monitor | - | • | • |
| Volumetric dispensing | • | • | • |
| Connection to Flow point | • | • | • |
| Storage tank | Not included | | |
| Installation | installable either on a laboratory bench or on a wall | | |

Consumables

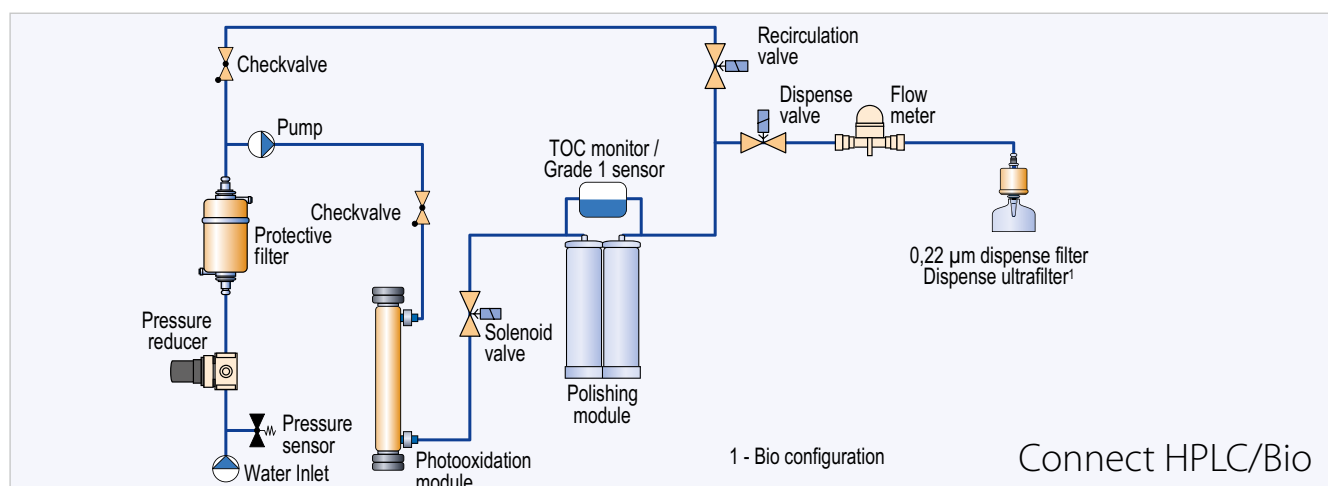
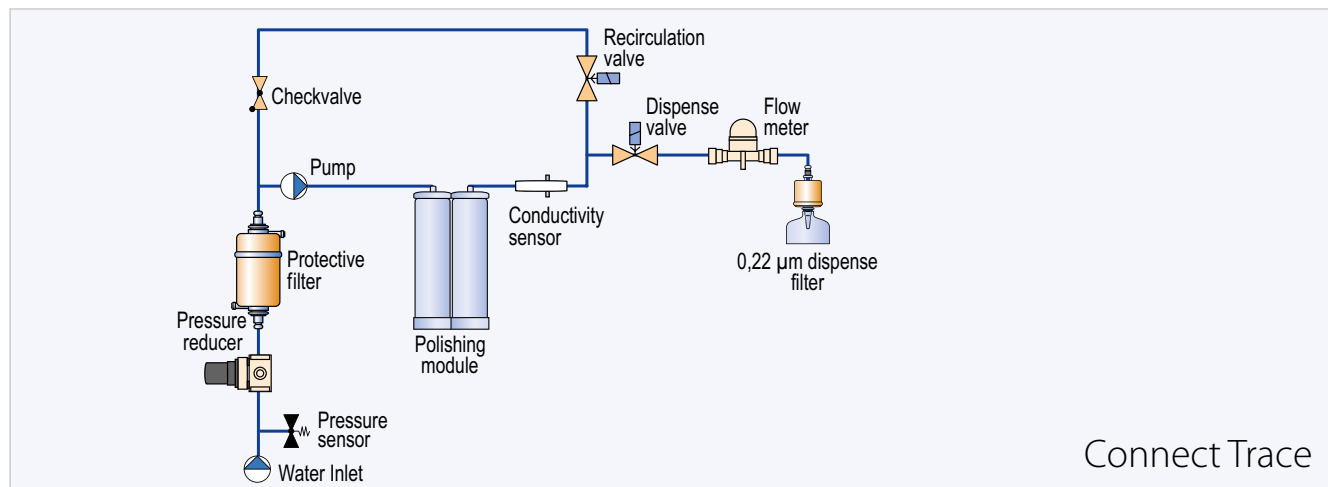
| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------|--|-----------------------------|
| 10030 | Polishing module "Polishing+" | Grade 1 water conductivity is >0.1 µm/cm constantly or every 12 months | |
| 10018 | UV photooxidation bulb | On average – every 12 months | Only for „Bio“ and „HPLC“ |
| 10013 | Point-of-use microfilter | Every 6–12 months | Only for „Trace“ and „HPLC“ |
| 10120 | Point-of-use ultrafilter | Every 3–6 months | Only for „Bio“ |

Specifications

| | Trace | HPLC | Bio |
|---------------------------------------|--------------|--------------|--------------|
| Ultrapure water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Ultrapure water conductivity at 25 °C | 0.055 μS/cm | 0.055 μS/cm | 0.055 μS/cm |
| Total Organic Carbon (TOC) level | <10 ppb | <5 ppb* | <5 ppb* |
| RNase | - | - | < 1 pg/mL |
| DNase | - | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | <0.15 EU/mL | <0.001 EU/mL |
| Particles >0.22 μm | <1/mL | <1/mL | <0.05/mL |
| Dispense rate, ultrapure water | <1.5-2 L/min | <1.5-2 L/min | <1.5-2 L/min |
| Dimensions (WxDxH), cm | 30x44x64 | 30x44x64 | 30x44x64 |
| System weight, kg | 16 | 17 | 17 |
| Operation weight, kg | 19 | 20 | 20 |
| Feed water conductivity | < 100 μS/cm | < 100 μS/cm | < 100 μS/cm |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

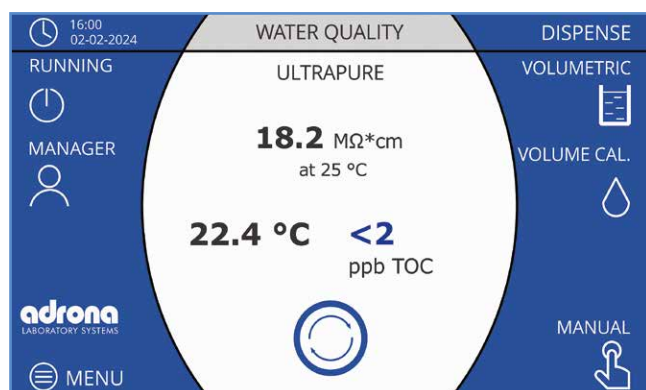
Flow diagrams



CONNECT LT

Adrona offers an upgraded version of the Connect polishing system: Connect LT, equipped with our latest-generation software controller and electronics. The system is operated via an intuitive, full-color touchscreen interface that ensures a seamless and user-friendly experience.

Connect LT includes advanced functionality such as complete dispensing and alarm history, data export via a USB-C port, and customizable user access levels with password protection. These features make it especially well-suited for institutions operating under Good Laboratory Practice (GLP) guidelines.



Ordering information

| Model | Part number |
|----------------|-------------|
| Connect LT | CB-1801 |
| Connect LT Bio | CB-1803 |

Large touchscreen

- Simplified and detailed information in multiple languages
- Alerts and alarms are visible on the main screen with complete information on actions required
- Comprehensive system monitoring

Convenient

- Intuitive multilingual menu for easy navigation
- User-friendly design allows quick and hassle-free consumable replacement

Easy to use

- Water delivered up to 2 liters a minute keeps interruptions to a minimum
- Volumetric dispensing allows fast reissue of volumes
- Volumetric control is available from 0.01 to 100 L

Cost effective

- All consumables included
- Large capacity polishing module
- Space-saving design for a more efficient laboratory setup and daily operation

Specifications

| | LT | LT Bio |
|-------------------------------------|---------------|---------------|
| Grade 1 water resistivity at 25 °C | 18.2 MΩ x cm | 18.2 MΩ x cm |
| Grade 1 water conductivity at 25 °C | 0.055 µS/ cm | 0.055 µS/ cm |
| TOC | <5 ppb* | <5 ppb* |
| RNase | - | < 1 pg/mL |
| DNase | - | < 5 pg/mL |
| Bacteria | <0.01 CFU/mL | <0.01 CFU/mL |
| Endotoxins | <0.15 EU/mL | < 0.001 EU/mL |
| Particles >0.22 µm | <1/ mL | <0.05/ mL |
| Dispense rate, ultrapure water | 1.5 - 2 L/min | 1.5 - 2 L/min |
| Dimensions (WxDxH), cm | 29x44x61 | 29x44x61 |
| System weight, kg | 17 | 17 |
| Operation weight, kg | 20 | 20 |
| Feed water conductivity | < 100 µS/cm | < 100 µS/cm |

* In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

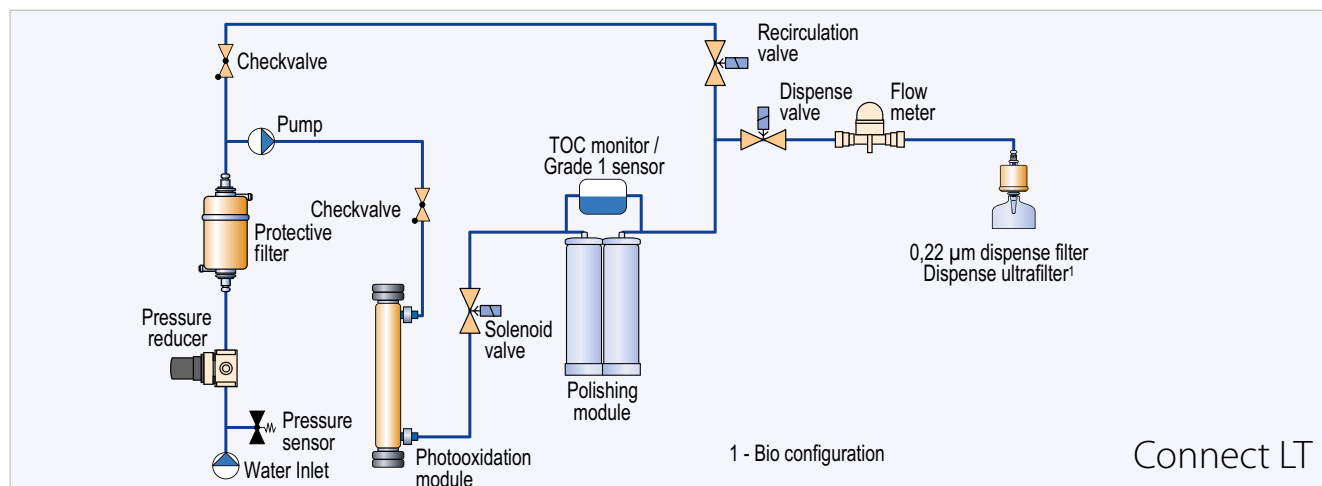
Description

| | LT | LT Bio |
|--------------------------|--|---------------------------------------|
| Water type | ultrapure water (Grade 1) | ultrapure water (Grade 1) |
| Application | <ul style="list-style-type: none"> • chromatography • mass spectrometry • microbiology • molecular biology | highly sensitive biology applications |
| Display | 7" colour touchscreen | |
| Conductivity sensor | • | • |
| TOC Monitor | • | • |
| Volumetric dispensing | • | • |
| Connection to Flow point | • | • |
| Installation | installable either on a laboratory bench or on a wall | |

Consumables

| Part number | Description | Replacement criteria | Comments |
|-------------|-------------------------------------|---|-------------------------------------|
| 10031 | Polishing Q w/ quick connectors | Grade 1 water conductivity is >0.1 µm/cm constantly or every 12 months | Depends on water consumption amount |
| 10033 | Polishing QC w/ quick connectors | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | Depends on water consumption amount |
| 10037 | Polishing QH w/ quick connectors | Grade 1 water conductivity is > 0.1 µm/cm constantly or every 12 months | Depends on water consumption amount |
| 10018 | Photooxidation UV bulb | On average – every 12 months | "LT" and "LT Bio" configuration |
| 10013 | Replacement 0.22 µm dispense filter | Every 6–12 months | "LT" configuration |
| 10120 | Replacement ultrafilter | Every 3–6 months | "LT Bio" configuration |

Flow diagram



RADIX

When large volumes of Grade 2 or reverse osmosis (RO) water are needed, RADIX systems offer a versatile and efficient solution for a wide range of applications. Available in RO and EDI configurations, these systems can produce up to 250 liters of RO water or 150 liters of Grade 2 water per hour, depending on the model.

Engineered for reliability and durability, RADIX systems serve as high-capacity purified water sources requiring minimal maintenance while delivering exceptional output. The EDI configuration features a continuously self-regenerating electrodeionization module, keeping long-term operating costs to a minimum.



RADIX systems are designed to meet the demands of various high-capacity water purification needs. Typical applications include, but are not limited to:

- Central Laboratory Water Distribution
Efficiently supplies purified water to the entire facility through multiple point-of-use access points. Additional Grade 1 polishing units can be integrated based on specific purity requirements.

- Feed Water for Biochemical Analyzers
Ideal for hospitals, laboratories, and healthcare centers (RADIX EDI - Grade 2 systems). Depending on demand, a single RADIX unit can serve multiple analyzers simultaneously. A typical setup includes a RADIX system, atmospheric storage tank with automatic UV sanitization and CO₂ trap, a distribution module and in-line microfilter.
- Industrial Production Facilities
Supports various manufacturing industries requiring a reliable source of purified water.
- High-Capacity Equipment Supply
Provides consistent feed water for humidifiers, steam generators, and other high-consumption equipment.

Specifications

| | 60 RO | 100 RO | 250 RO | 31 EDI | 61 EDI | 91 EDI | 151 EDI |
|---|----------------------------|----------|----------|----------|----------|----------|----------|
| Capacity, L/h | 60 | 100 | 250 | 30 | 60 | 90 | 150 |
| TDS rejection rate | ≥98.5% | ≥98.5% | ≥ 98.5% | - | - | - | - |
| Output water conductivity at 25 °C, µS/cm | - | - | - | ≤0.5* | ≤0.5* | ≤0.5* | ≤0.5* |
| Dimensions (WxDxH), cm | 33x72x77 | 33x72x77 | 33x94x77 | 33x78x77 | 33x78x77 | 33x78x77 | 33x78x77 |
| System weight, kg | 42 | 56 | 88 | 50 | 56 | 68 | 68 |
| Operation weight, kg | 52 | 63 | 97 | 55 | 63 | 74 | 74 |
| Display | colour graphic LCD display | | | | | | |
| Storage tank | required, not included | | | | | | |

* Typically ≤0.1 µS/cm.

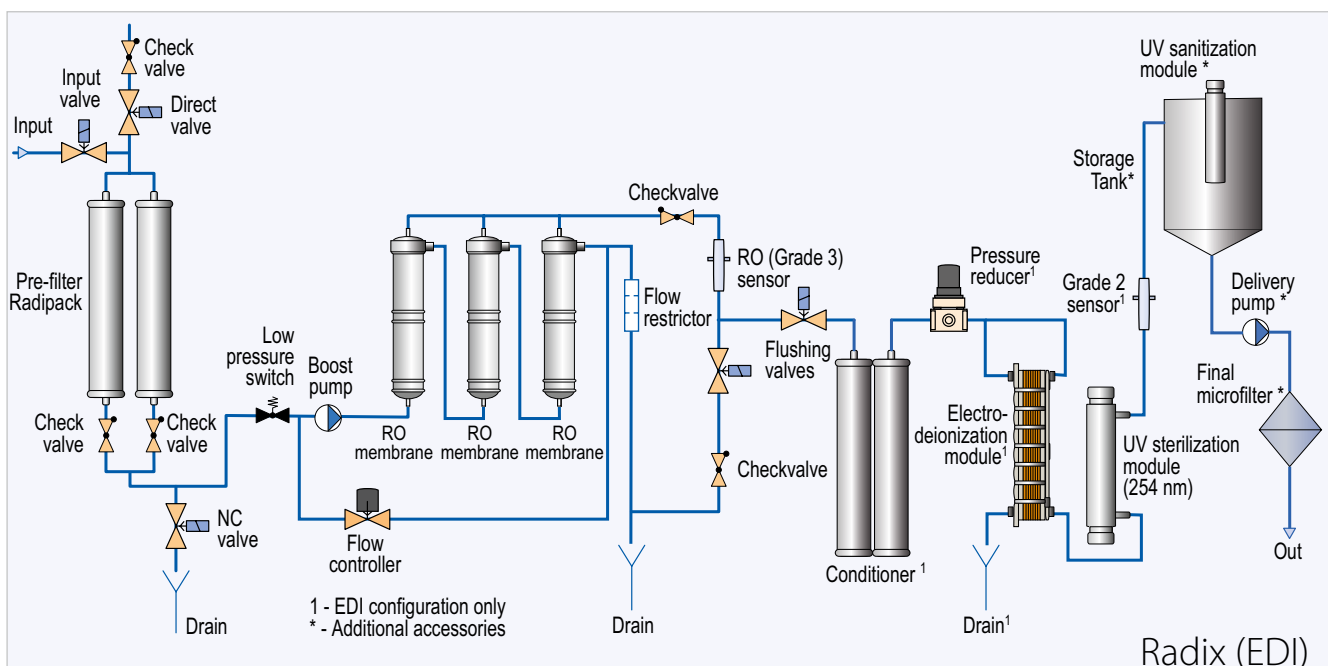
Ordering information

| Model | Part number |
|---------------|-------------|
| Radix 60 RO | RA-1001 |
| Radix 100 RO | RA-1003 |
| Radix 250 RO | RA-1005 |
| Radix 31 EDI | RA-2102 |
| Radix 61 EDI | RA-2104 |
| Radix 91 EDI | RA-2106 |
| Radix 151 EDI | RA-2108 |

Consumables

| Part number | Description | Replacement criteria |
|-------------|-----------------------------------|--|
| 10420 | Pre-filter RADIPACK | If the filters are clogged or every 6 months |
| 10419 | Pre-filter RADIPACK set | If the filters are clogged or every 6 months (For systems w/ capacity >100 L/h) |
| 10820 | Conditioner | If the filters are clogged or every 6 months (EDI configuration) |
| 10011 | Replacement sterilization UV bulb | On average – every 12 months |

Flow diagram



ACCESSORIES

For increased convenience of use of the Adrona water purification systems, choose from the variety of accessories to meet your specific needs.

Storage Tanks

Adrona water purification systems can be equipped with water storage tanks of various capacity. Depending on the consumption of purified water, user can choose the tank starting from tank with capacity of 10 litres up to 300 litres. All the storage tanks are equipped with level switch.

Water storage tank "Pro"

Specially designed for significant reduction of microbiological contamination possibilities

Features:

- 30 L geometric volume
- 25 L usable volume
- Opaque housing walls for protection against light
- Conical bottom for complete draining
- Ergonomical design
- Equipped with stopcock
- Recirculation system for maintaining the water quality
- Automatic UV sanitization (UV lamp) module (option)
- Multi-position level switch, that enables precise control of remaining water
- Fast pure water dispense pump (option)
- Dimensions (WxDxH): 39x44x60 cm
- Weight: 6.5 kg

Water dispensing unit "Flow Point"



The water dispensing unit provides a more convenient use of Adrona systems.

- Adjustable in all dimensions
- Manual and/or volumetric dispensing with teaching mode
- Colour graphic LCD display

Flow Point features:

- Flow rate control
- Drop-by-drop feature
- Volumetric dispense from 10 ml to 10 liters
- Compatible with:
Flow Point 3 - Q-Front, Q-Front EDI, Q-Front N, Onsite+, Integrity+ and Connect systems
Flow Point 4 - Gradus, B300, B310 and Connect LT systems

Online TOC monitor AD50



Fully automatic unit for reliable monitoring of organic substances in pure water. Measures TOC, conductivity, and temperature with real-time data and flexible integration options.

Features:

- Fully automatic operation
- Continuous TOC, conductivity, and temperature monitoring
- Adjustable alarm levels for all parameters
- Real-time charts and data logging
- 4–20 mA analog output for TOC
- Modbus-TCP interface for system integration
- Remote control capability
- Intuitive, user-friendly interface
- Secure data storage for traceability

Water storage tanks

11015 Water storage tank "Pro" w/ base, tap and multipoint sensor, 30 L
Dimensions: 39*44*60 cm



13003 Water storage tank "Pro" w/ base, tap and level switch, 30 L
Dimensions: 39*44*60 cm



10007 Water storage tank "Comfort" w/ base, tap and level switch, 60 L
Dimensions: 42*42*85 cm

10027 Storage tank "Comfort" w/ base, tap and level switch, 100 L
Dimensions: 45*45*112 cm

10026 Storage tank "Comfort" w/ base and level switch, 200 L
Dimensions: 55*55*134 cm

10025 Storage tank "Comfort" w/ base and level switch, 300 L
Dimensions: 66*66*144 cm

13001 Atmospheric water storage tank "Basic" w/o base, w/ immersible pump, 10 L
Dimensions: 22*17*36 cm
Recommended for Compact systems

13002 Atmospheric water storage tank "Basic" w/o base, w/ immersible pump, 20 L
Dimensions: 28*23*42 cm
Recommended for Compact systems

13012 Water storage tank "Basic" w/o base, w/ tap and level switch, 20 L
Dimensions: 29*26*39 cm

13006 Atmospheric water storage tank "Comfort" w/o base, w/ immersible pump, 14 L
Recommended for Compact systems

Pressurized water storage tanks

10110 Pressurized water storage tank, 12 L
Dimensions: 24*24*35 cm

10111 Pressurized water storage tank, 18 L
Dimensions: 28*28*35 cm



10112 Pressurized water storage tank, 60 L
Dimensions: 39*39*73 cm

10114 Pressurized water storage tank, 100 L
Dimensions: 43*43*93 cm

Accessories for storage tanks

| | |
|--------|--|
| 10316 | Automatic sanitization module for tank, <20 L |
| 10315 | Automatic sanitization module for tank "Pro" |
| 410205 | Automatic sanitization module for tank, 60-100 L |
| 410208 | Automatic sanitization module for tank, 200-300 L |
| 410175 | UV bulb for automatic sanitization module |
| 13005 | Water distribution module, 4 L/min (for water tanks with base) |
| 13008 | Water distribution module (for water tanks w/o base) |
| 410110 | Water distribution pump 3 m ³ /h |
| 12001 | Air filter for storage tank |
| 12002 | 0.22 µm bacteria air filter for storage tank |
| 13007 | Tank CO ₂ trap with microfilter |

Water dispensers

| | |
|-------|--|
| 10327 | Water dispensing unit "Flow Point 3" Designed for Grade 1 water dispense Compatible with Q-Front, Q-Front N, Onsite+, Integrity+ and Connect systems |
| 10427 | Water dispensing unit "Flow Point 4" Designed for Grade 1 water dispense Compatible with Gradus, B300, B310 and Connect LT systems |



10526 Water dispenser "Flow Point XR"
Designed for Grade 1 water dispense with remote management
Compatible with Gradus XT-300 system

10527 Water dispenser "Flow Point GR"
Designed for Grade 2 water dispense with remote management
Compatible with Gradus XT-300 system



10601 Dispense port
For Compact systems



10602 Universal remote dispenser with 3 m supply hose w/ fixed stand, w/o controller. Compatible with Grade 2 or RO water dispensing; requires distribution module part no. 13005 or 13008



10603 Attached dispenser
For Compact systems



10610 Pure water faucet for sink
For Compact pressurized tank configuration

Optional water system sterilization module

10103 UV sterilization module 24V
The UV sterilization module is built into the unit

10017 Replacement sterilization UV bulb for UV sterilization module 24V

10104 UV LED sterilization module
The UV sterilization module is built into the unit

Water system sanitization cartridge

10510 Sanitization cartridge, Q-Front*

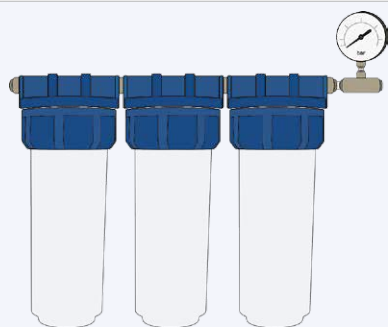
10511 Sanitization cartridge w/ quick connectors, Q-Front N & Gradus*

10520 Sanitization cartridge, Radix*

* Shipped separately due to shipment of dangerous cargo

Feed water inlet

10170 External pre-filter set (Carbon/PP, PP 1µm) with manometer



10177 External pre-filter set (Anti-scale, Carbon/PP, PP 1 µm) with manometer

10176 External pre-filter set (for Radix systems)

410222 Filter set for 10170 (Carbon/PP, PP 1µm)

410337 Filter set for 10177 (Anti-scale, Carbon/PP, PP 1 µm)

410376 Filter set for 10176

10175 External input pressure reducer

410226 AquaStop, water leakage protection system

Documentation

410143 DQ/IQ/OQ/PQ documentation

410144 DQ/IQ/OQ/PQ documentation
For systems with touchscreen interface

Laboratory water system service accessories

2CA300 Conductometer WTW cond 3310
0.0001-30 µS/cm

301962 Ultrapure water conductivity cell, K = 0.01
0.0001-30 µS/cm

410232 Tube set and adaptor kit for conductivity cell

91339 Chlorine test strips

91220 Hardness test strips

HI98308 Conductivity tester PWT
0.00-99.9 µS/cm

HI98304 Conductivity tester DIST4
0.00-20 mS/cm

ADRONA reserves the right to amend or update the specifications in this brochure without prior notice.



**BUREAU
VERITAS**

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