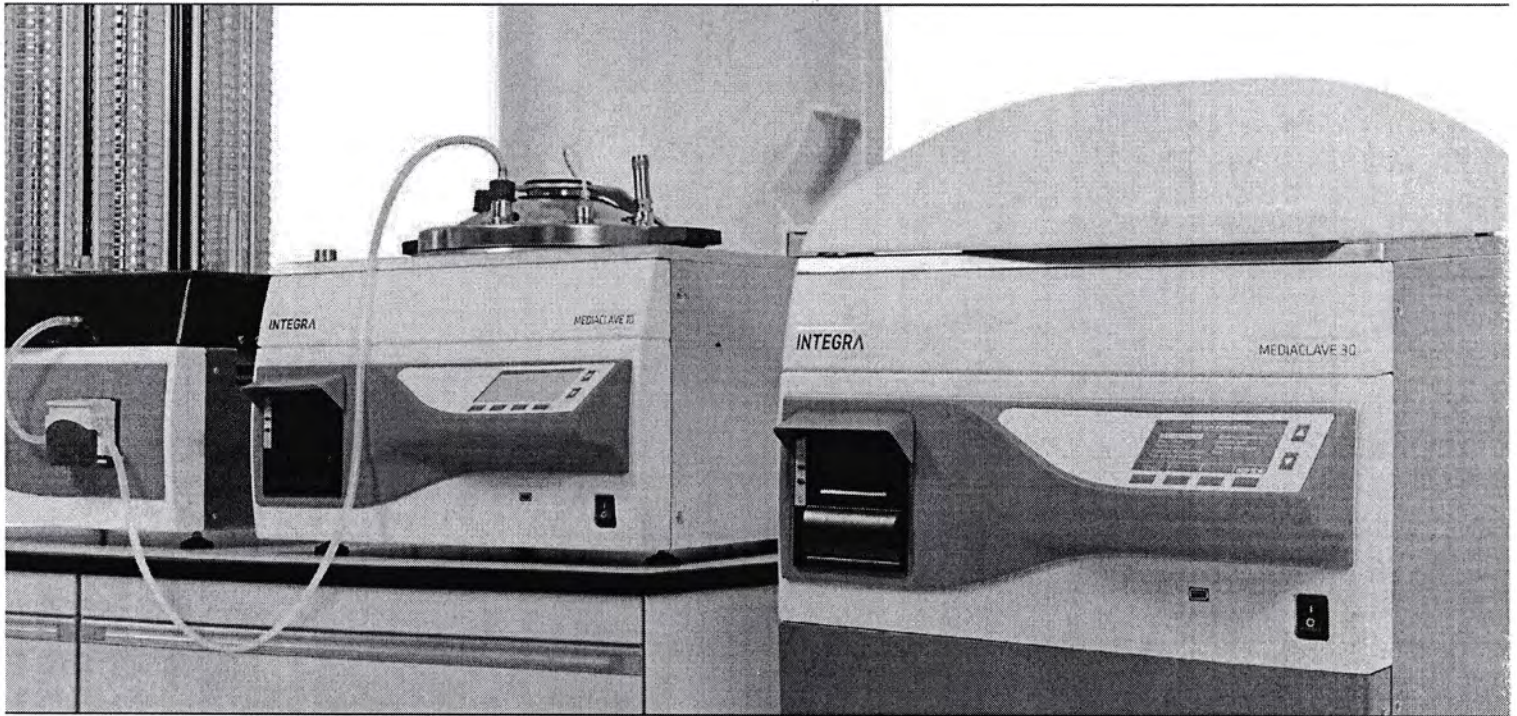


INTEGRA



MEDIACLAVE Fast, reproducible and safe media sterilization

MEDIACLAVE – fast, reproducible and safe media sterilization

High quality medium for the cultivation of bacteria is at the core of various routine applications in today's laboratories. Hence, many downstream tasks and results directly depend on the performance of media preparation. Furthermore, an efficient process flow is important. This not only allows laboratories to save labour costs, but also frees manpower for less repetitive tasks.

The MEDIACLAVE product range is designed to approach these needs. It allows the rapid and gentle sterilization of 1 – 30 L culture medium. Precise controlling and monitoring of tem-

perature, time and pressure during the sterilization process guarantee constant high quality. The intuitive graphical user interface and the simple programming make it very easy for everyone to operate MEDIACLAVE.

MEDIACLAVE allows you to be flexible – culture medium of high quality is rapidly available whenever needed. This minimises the needed storage room, eliminates the management of shelf life time and therefore guarantees constant high medium quality.

Process for media preparation:

Medium formulation

Medium sterilization

Dispensing

Documentation



Medium formulation

MEDIACLAVE is quickly set up. Insert the cuvette (container for media), fill in the coupling water (water jacket between the cuvette and the vessel for efficient heat transfer) and you are ready to prepare your culture medium.

Culture medium can be suspended and dissolved directly within MEDIACLAVE. The strong magnetic stirrer guarantees homogeneous mixing within the vessel and prevents coagulation. Alternatively, culture medium can be dissolved and pre-swelled using the WATER BATH operation mode prior to sterilization.

The intuitive, multilingual graphical user interface makes it very easy for everyone to use MEDIACLAVE – no special training of the staff is required.

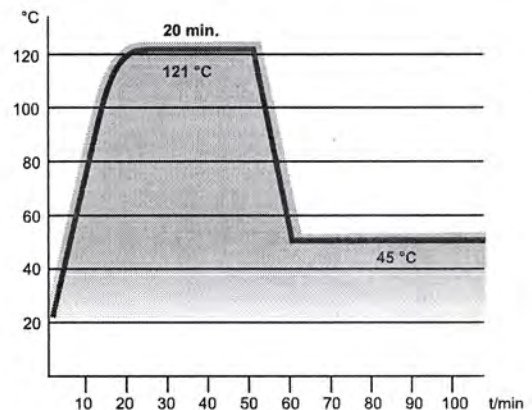
Up to 50 programs with user-defined parameter settings such as sterilization temperature, sterilization time or dispensing temperature can be saved and recalled.



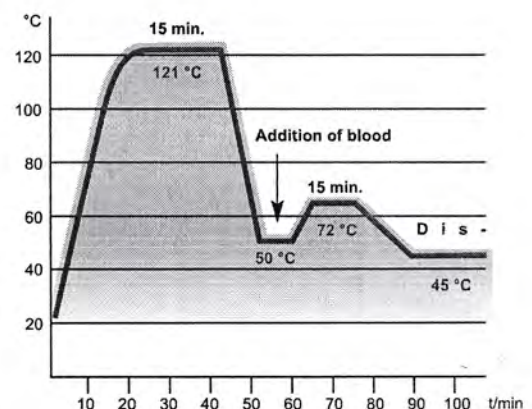
Operation modes:

Two main operation modes for media preparation, plus two extra modes can be selected and the parameters set to your needs:

1. **STANDARD mode:** For the preparation of standard and highly sensitive culture media. Sterilization temperature/time and dispensing temperature can be set.
2. **CHOCOLATE AGAR mode:** A special two-step program that allows the preparation of complex media. After the first sterilization phase, supplement, e.g. blood, can be added through the adding port. Subsequently, a second heating phase will be performed.
3. **WATER BATH mode:** For pre-swelling culture media prior to sterilization within the temperature range 30 – 80°C. In combination with an autoclave cuvette (only MEDIACLAVE 10), liquids in glassware can be thermostatted.
4. **AUTOClave mode (MEDIACLAVE 10 only):** MEDIACLAVE 10, together with an optional autoclave kit can be used as a bench top autoclave for the sterilization of small amounts of culture media in glassware such as Erlenmeyer flasks or test tubes.

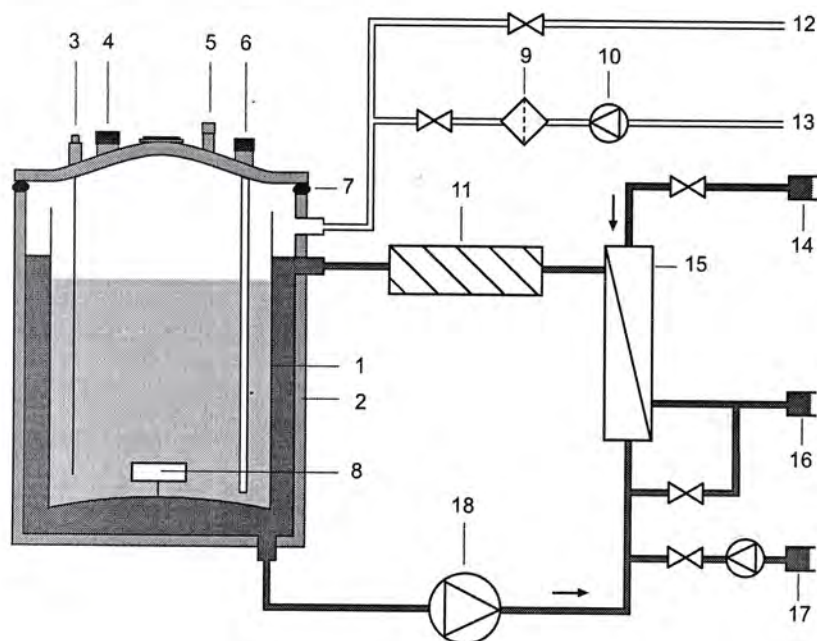


Standard mode: Heating up, sterilization and cooling down to dispensing temperature.



Chocolate Agar mode: After the first sterilization phase, blood is added and again shortly heated up before dispensing.

Medium sterilization



MEDIACLAVE working principle

- 1 Media cuvette
- 2 Sterilization vessel
- 3 Temperature probe
- 4 Adding port
- 5 Overpressure safety valve
- 6 Dispense port with decanting tubing
- 7 Lid seal
- 8 Magnetic stirrer bar
- 9 Sterile filter
- 10 Support pressure pump
- 11 Flow heater
- 12 Deaeration outlet
- 13 Air inlet
- 14 Quick connection for cooling water inlet
- 15 Heat exchanger
- 16 Quick connection for water outlet
- 17 Quick connection for coupling water inlet (MEDIACLAVE 30 only)
- 18 Circulation pump
- 19 Valve

MEDIACLAVE guarantees gentle and rapid sterilization of standard and highly sensitive culture media. An efficient heating and cooling system, together with homogenous mixing, minimise thermal stress during the process and therefore guarantee maximum media fertility.

High Operational Safety

An automatic tightness check at the beginning of each sterilization cycle prevents the instrument from starting if, for example, the lid seal of the vessel is not inserted properly – avoiding incomplete sterilization and subsequent media rejection. Furthermore, MEDIACLAVE is equipped with several independent monitoring systems for pressure and temperature, guaranteeing highest safety standards for the user and the working environment. The vessel lid is equipped with an autonomous overpressure safety valve and a burst disc in case all other electronic monitoring systems fail.

Fast Heating

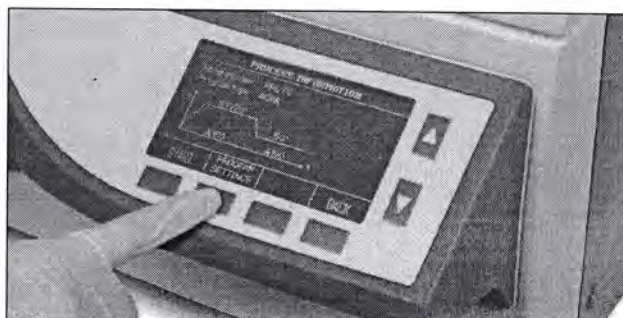
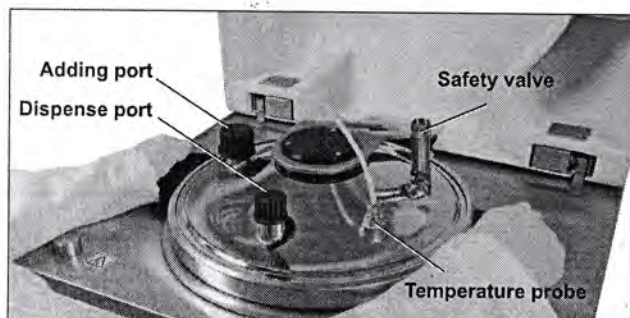
Powerful heating elements permit fast media processing. This minimises thermal stress and ensures high fertility of your culture media. Pressure and temperature controlled deaeration guarantees saturated steam in the vessel – an absolute must for complete sterilization.

Reliable Sterilization

The large and strong magnetic stirrer with adjustable speed and reversing rotation direction ensures homogenous media preparation over a wide viscosity range. A Pt-1000 temperature probe and microprocessor control of all relevant process parameters allow reliable and complete sterilization of culture media.

Rapid Cooling

Rapid cooling is enabled by an efficient plate heat exchanger. The spatial separation of the cooling water system and the sterilization chamber makes it virtually impossible that culture media will get contaminated by cooling water. The built-in support pressure system prevents a delay in boiling during the rapid cool down phase and thereby allows an extraordinary fast and gentle cooling.



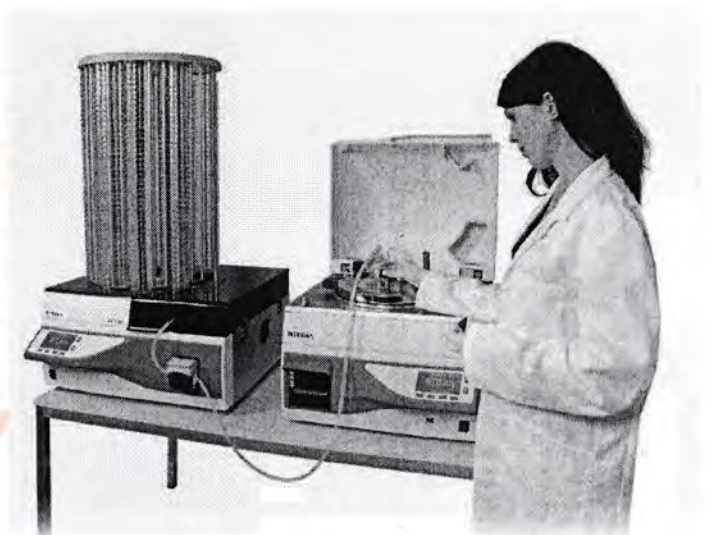
Dispensing of the sterilized media

Easy Dispensing

The wide adding port facilitates fast and safe addition of supplements such as antibiotics, blood or growth factors prior to dispensing. The automatic in-process sterilization of the dispense port eliminates the risk of medium contamination during dispensing.

The vessel and the dispensing system of the MEDIACLAVE were designed to avoid dead volume, allowing laboratories to save costs due to maximal medium yield.

The MEDIACLAVE can be quickly and conveniently connected to the dispensing tubing of the automated Petri dish filler MEDIAJET, allowing the dispensing of agar media into up to 540 Petri dishes at the touch of a button.



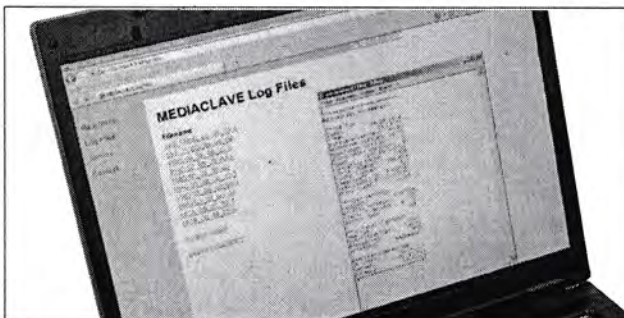
In addition, the peristaltic pump DOSE IT can be used to fill containers of more unusual volumes or shapes, e.g. quadrangular Petri dishes, bottles or flasks.

Alternatively, large containers such as bottles can be filled by pressure dispensing. The optionally available pressure dispensing kit, including a pinch valve box and a foot switch, allows the direct and fast dispensing of medium by automatically building up pressure inside the sterilization chamber.

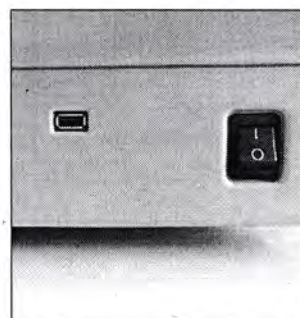
Documentation of the media preparation process

MEDIACLAVE provides all necessary tools to support individual needs in process documentation and validation. An integrated web server for direct connectivity via Ethernet allows remote monitoring of the sterilization process and instrument parameters. Moreover, it allows the durable electronic storage of process data, circumventing the need to archive printouts. A digital signature according to FDA (21 CFR Part 11) / EU (GMP Annex 11) can be automatically added to the electronic process file.

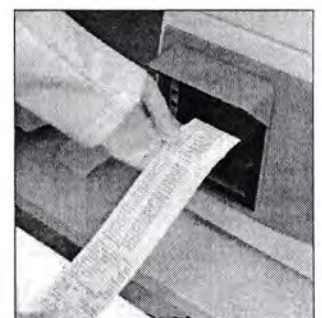
In addition, MEDIACLAVE enables the electronic storage of all process data to a USB flash drive. All process log files are saved automatically if a flash drive is connected to the MEDIACLAVE USB port. If equipped with the optionally available dot matrix printer, high quality printouts insusceptible to fading can be archived. Printout intervals and parameters are individually adjustable for all process phases and hence allow laboratories to reduce paper consumption and operation costs. Alternatively, a standard external printer can be connected directly via the serial interface.



Web server



USB port



Dot matrix printer

Cleaning and maintenance of MEDIACLAVE



MEDIACLAVE is designed to keep maintenance easy. The absence of any heating element within the sterilization vessel makes the cleaning of the vessel easy.

The integrated CLEANING procedure automatically sterilizes the vessel, valves and the tubing inside MEDIACLAVE. Hot, sterile coupling water is drained at the process end; dissolving and removing unwanted agar residues in the system effectively. This allows a complete decontamination of all vulnerable parts of the instrument and thus ensures the best possible environment for sterile media preparation.

An automatic indication of the next service to be due prevents unnecessary downtime, thus maximising the productivity of the whole media kitchen.



Technical Data

Capacity	MEDIACLAVE 10	MEDIACLAVE 30
Stainless steel cuvette	1 – 10 L	3 – 30 L
Autoclave cuvette (Ø, H)	254 mm, 203 mm*	-
Temperature range		
Sterilization	70°C – 122°C	70°C – 122°C
Dispensing	25°C – 80°C	25°C – 80°C
Water bath	30°C – 80°C	30°C – 80°C
Max. temperature deviation	+1.0°C/-0.2°C	+1.0°C/-0.2°C
Stirrer speed		
Selectable	50 – 200 rpm, reversing direction	50 – 200 rpm, reversing direction
Utilities		
Heating Capacity	Max. 3 kW	Max. 9 kW
Interfaces	2 x RS232, Ethernet, USB port, AUX contact, footswitch, ext. pinch valve	2 x RS232, Ethernet, USB port, AUX contact, footswitch, ext. pinch valve
Cooling water connections	¾" thread	¾" thread
Electricity supply		
All MEDIACLAVE 10 instruments	200 – 240 V 50/60 Hz, 16 A	-
MEDIACLAVE 30, US/JP (136 050)	-	200-208 V 3~/PE, 50/60 Hz, 30 A
MEDIACLAVE 30, EU (136 055)	-	400 V 3~/N/PE, 50/60 Hz, 16 A
Dimensions and weight		
Basic Device (H x W x D)	480 mm x 550 mm x 640 mm	1040 mm x 550 mm x 640 mm
Weight	57 kg	85 kg

Approvals

for MEDIACLAVE 10 | MEDIACLAVE 30



Swiss made



Ordering information

Instruments

			Plug	Part No.
MEDIACLAVE 10		10 Litres Media Preparator complete with cuvette, lid seal, magnetic stirrer, decanting tubing, fitting for dispensing tubing, integrated printer and printer splash guard (200-240 V, 50/60 Hz)	EU (CEE 7/7)	136 000
			US (NEMA L6-30P)	136 010
			no plug	136 020
MEDIACLAVE 10 without printer		10 Litres Media Preparator complete with cuvette, lid seal, magnetic stirrer, decanting tubing and fitting for dispensing tubing (200-240 V, 50/60 Hz)	EU (CEE 7/7)	136 005
			US (NEMA L6-30P)	136 015
			no plug	136 025
MEDIACLAVE 30		30 Litres Media Preparator complete with cuvette, lid seal, magnetic stirrer, decanting tubing, fitting for dispensing tubing, integrated printer and printer splash guard (Without plug)	Voltage	Part No.
			3 x 200-208 V 50/60 Hz (US, JP)	136 050
			3 x 400 V 50/60 Hz (EU)	136 055

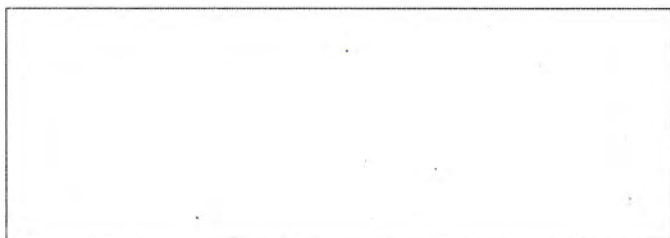
Accessories

			MEDIACLAVE	Part No.
Stainless steel cuvette		for medium sterilization	10	136 030
		for medium sterilization, incl. stainless steel guide tube (length 311 mm) for temperature probe	30	136 060
Autoclave kit		for autoclaving/thermostating liquids in containers, incl. autoclave cuvette, stainless steel with grid insert and flexible temperature probe	10	136 070
Magnetic stirrer bar		for homogeneous medium mixing within the cuvette	10	132 130
Magnetic stirrer bar with paddle		for MEDIACLAVE 30 or homogeneous stirring of high viscosity agar media within MEDIACLAVE 10	10 + 30	136 075
Decanting tubing		for insertion into the sterilization chamber/cuvette for dispensing, incl. silicone tubing, stainless steel nozzle and securing nut	10	136 034
		for insertion into the sterilization chamber/cuvette for dispensing, incl. rigid stainless steel tube (length 613 mm), silicone tubing and securing nut	30	136 061
Fitting for dispensing tubing		for connecting tubing (inner diameter 6 mm) to dispense port, incl. stainless dispense port fitting and spring	10 + 30	136 035
Printer splash guard		for protecting the integrated printer from splashes	10 + 30	136 040
Tubing connector for adding port		for adding large volumes of supplements through the adding port using a silicone tubing (inner diameter 6 mm)	10 + 30	136 049
Injection lid		for sterile injection of supplements through the adding port, incl. cap, punched disc and septum membrane (silicone/PTFE)	10 + 30	136 247
Pressure dispensing kit		for direct pressure dispensing, incl. pinch valve box, foot switch, silicone tubing and stainless steel dispensing tube	10 + 30	136 064
Dispensing tube		for pressure dispensing, length 10 cm, stainless steel, one end dented	10 + 30	171 056
Foot switch w. connecting cable		for pressure dispensing, to trigger the pinch valve	10 + 30	143 200
Volume measuring stick		for convenient measurement of the product volume in the cuvette	30	136 565

Consumables

			MEDIACLAVE	Part No.
Lid seal		for sealing the vessel lid, silicone	10 + 30	135 860
Septum membrane		for injection lid, silicone/PTFE, self-resealing, 10-pack	10 + 30	136 047
Paper rolls		for integrated dot matrix printer, 10-pack	10 + 30	136 038
Ink ribbon		for integrated dot matrix printer	10 + 30	136 901
Silicone tubing		for pressure dispensing, length 25 m (bulk roll), inner diameter 6 mm, autoclavable	10 + 30	171 036

See product pictures on www.integra-biosciences.com



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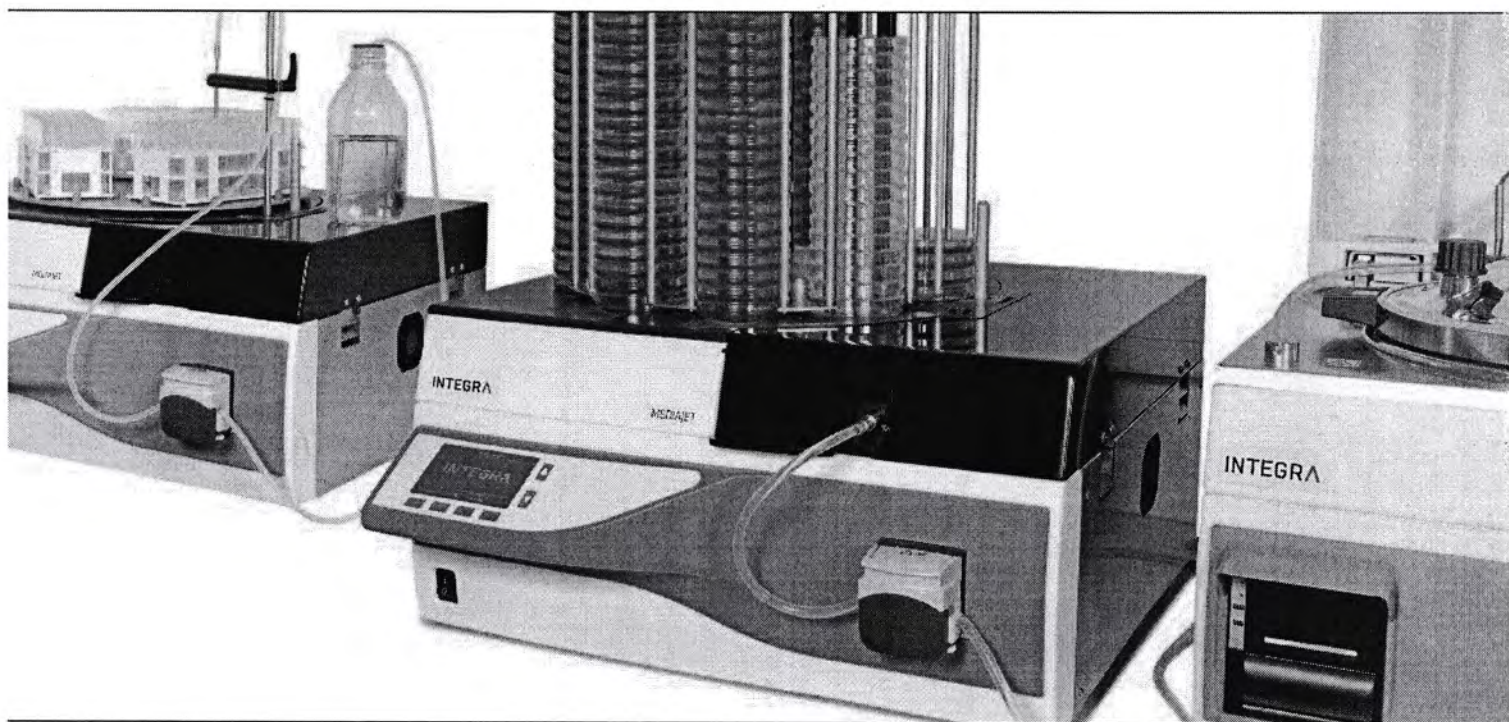
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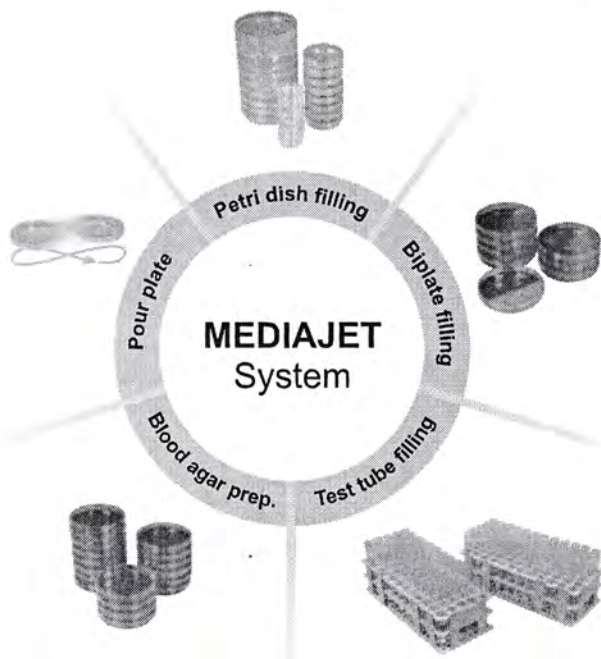
INTEGRA

INTEGRA



MEDIAJET Versatile and reliable media processing

MEDIAJET – versatile dispensing system



For laboratories involved in culture media preparation, sterile dispensing is essential for successful downstream applications and to meet quality requirements. Furthermore, as a growing need for cost saving and performance improvements exists, a reliable work flow is necessary.

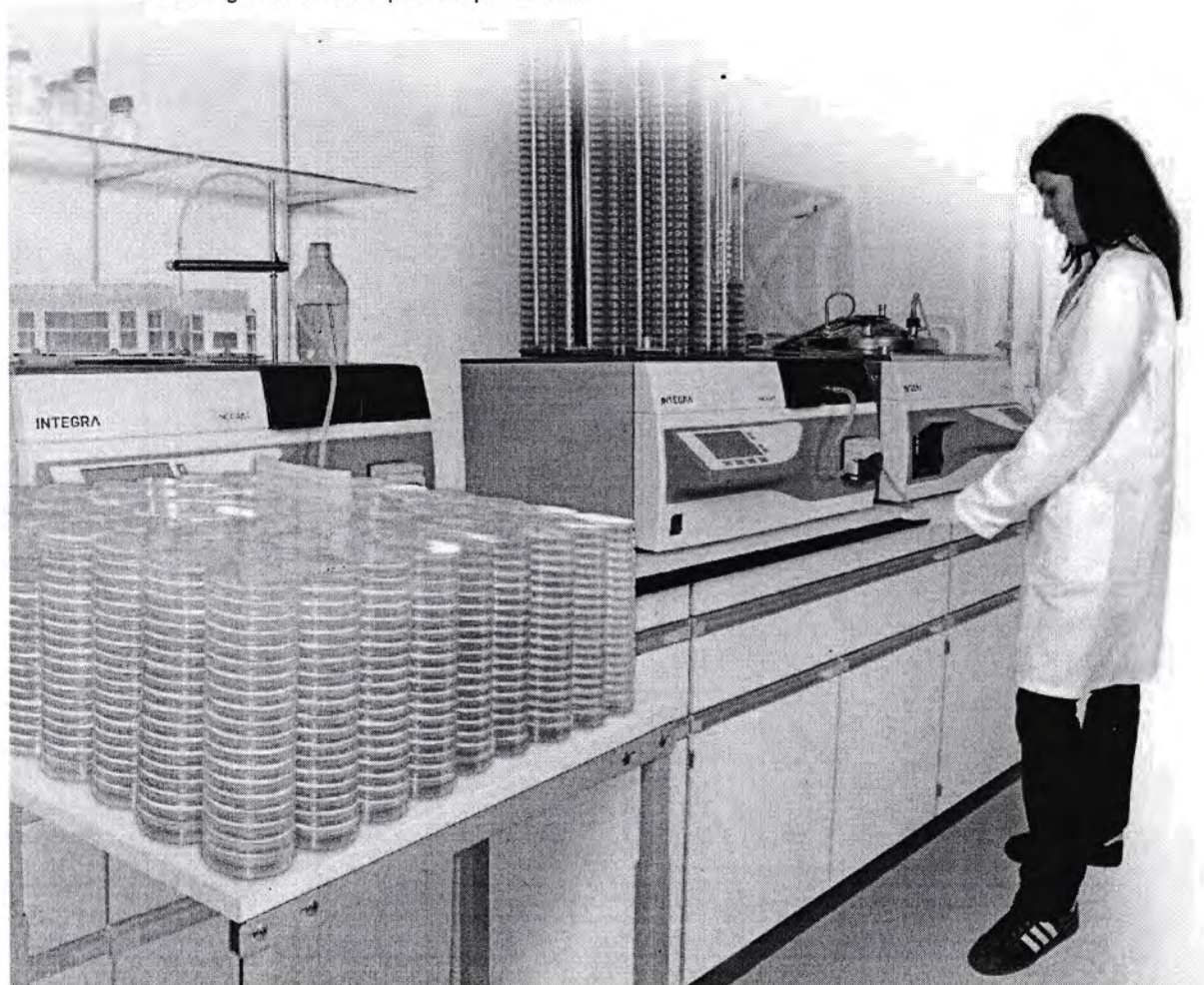
These requirements have created a strong demand for an automated medium dispensing system that allows reliable walk-away operation and at the same time fulfils quality requirements. MEDIAJET has been developed to meet these needs.

The MEDIAJET system offers the unique flexibility to fill Petri dishes of various sizes, Petri dishes with two compartments as well as test tubes of various diameters and length. At the same time, MEDIAJET requires only minimal bench space in the laboratory.

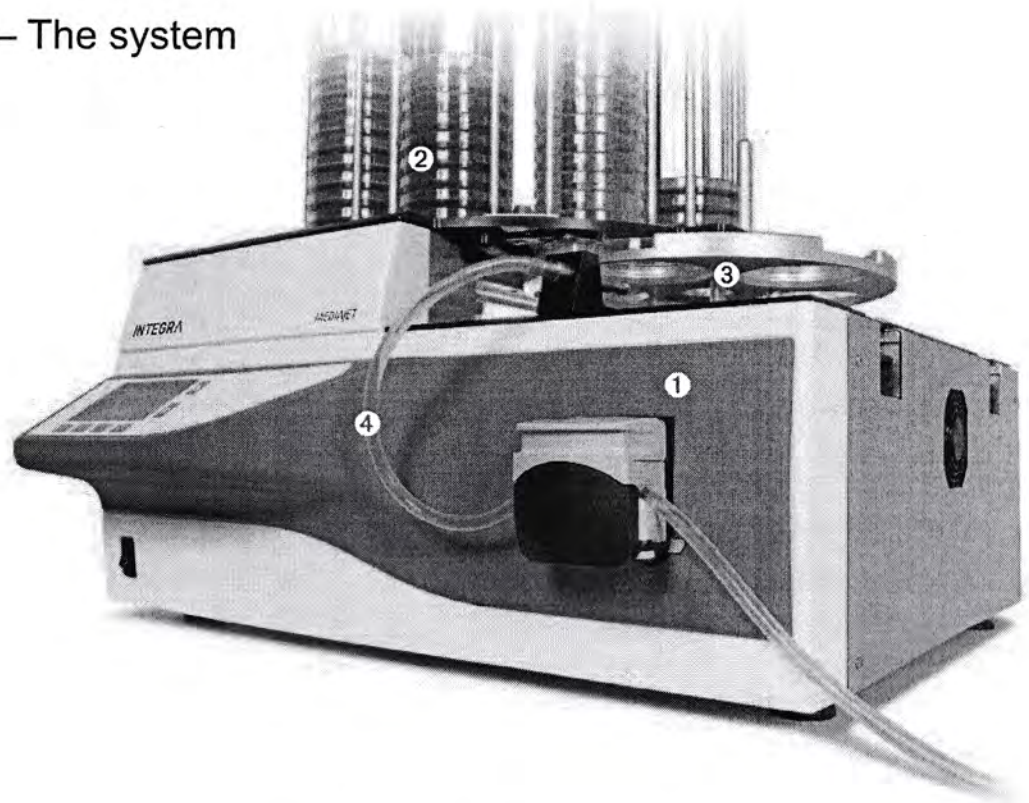
MEDIAJET is the perfect complementation to the INTEGRA MEDIACLAVE media preparator range as it allows the continuous filling of up to thirty litres media into Petri dishes.

Additional options:

- Petri dish cooling
- Petri dish imprinting
- Printing of MEDIAJET process parameters



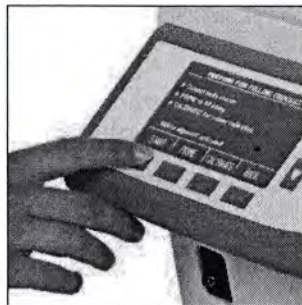
Petri dish filling – The system



- ❶ Base unit
- ❷ Carousel
- ❸ Rotor
- ❹ Tubing set

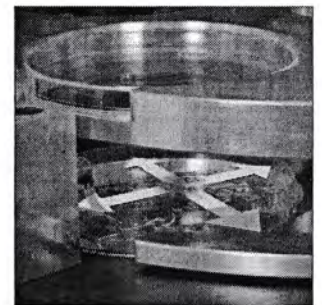
Easy handling

The intuitive, full size graphical user interface makes it very easy to control all functions of MEDIAJET. The operation of the system is entirely self-explanatory, as all functions and prompts are explained in plaintext.



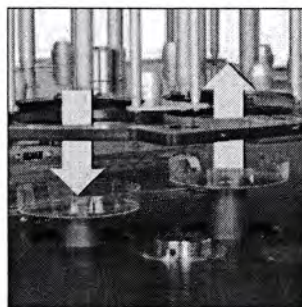
Media cost reduction

MEDIAJET has a built-in "Agar Spread Function" which ensures a homogenous distribution and an even surface of the agar. It helps to optimise the agar level in the Petri dish and thereby allows a significant reduction of media costs.



Reliable walk-away automation

With the novel Feed-In / Stack-Out technology, MEDIAJET guarantees a reliable and completely user independent operation. Typical production variations in the diameter or shape of the Petri dishes are easily handled by the unit, as they are actively guided throughout the entire filling process. Moreover, the optical dish sensors of MEDIAJET can be easily adjusted to virtually every Petri dish brand at the user interface level.



Eliminating sources of contamination

For consistent agar plate quality, a clean environment during the dispensing process is essential. The surface of the filling chamber is manufactured of a single piece of resistant PE, which allows convenient and efficient cleaning.

In addition, MEDIAJET is equipped with a UV lamp extending over the full length of the rotor where the dishes are opened during the dispensing process. The lamp emits powerful 2.1 W UV-C radiation for optimal bactericidal efficiency in the area most vulnerable to contamination.



Operation

MEDIAJET is easily set up and quickly ready for use. Load the carousel with up to 540 Petri dishes, connect the MEDIAJET to your sterilised culture medium source and start the automated dispensing at the touch of a button.

Up to 19 individual Petri dish filling programs with user-defined parameter settings such as dish height, dispensing volume or number of dishes can be saved and recalled.

Different operation modes for Petri dish filling can be executed and the parameters set to your needs:

1. STANDARD mode:

Is used for the standard filling of Ø 90, 60 or 35 mm Petri dishes.

2. TURBO mode:

Is used to accelerate the filling process. Together with the optional turbo mode kit installed, up to 1'100 Petri dishes can be filled in one hour.

3. POUR PLATE mode:

Total viable count determination is mainly carried out by using the pour plate method. However, pouring the plates by hand is time-consuming and laborious. The POUR PLATE mode facilitates this process by automatically shaking the Petri dishes. Depending on the volume or viscosity of the

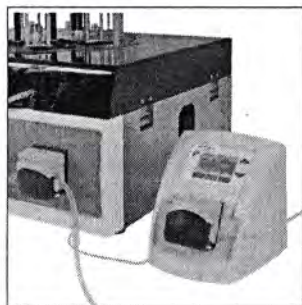
medium to be filled into Petri dishes, different shaking levels are selectable according to requirements.

4. BATCH mode:

The Batch mode can be used for applications where it is important to have a highly planar agar surface, as for example automatic colony counting.



Special Applications



Blood agar preparation:

MEDIAJET allows the control of the INTEGRA peristaltic pump DOSE IT. This accessory is especially useful to continuously mix additives in the concentration of 3-10% into the medium. Blood, for instance, can be added into the agar immediately before pouring the plates, which minimises the risk of thermal denaturation of the additive.

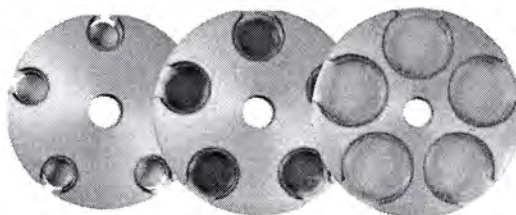


Independent pump functions:

The MEDIAJET pump can be independently used for other applications like the manual filling of tubes or bottles. Dispensing can be conveniently triggered by the optionally available foot switch. This feature is especially useful when using Petri dishes or tubes of unusual sizes or shapes that can not be processed by the automated MEDIAJET filling system.

Processing Ø 35, 60 or 90 mm Petri dishes

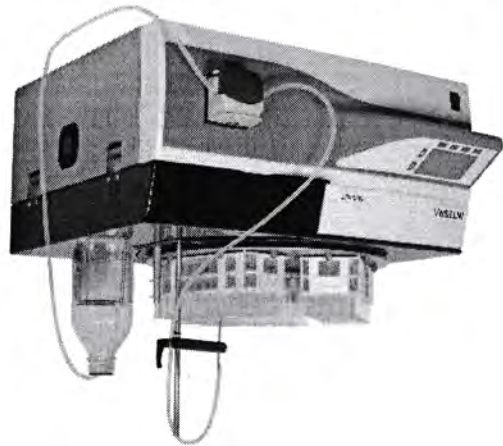
MEDIAJET vario not only allows the filling of Ø 90 mm dishes, but also Ø 60 or 35 mm dishes by using the corresponding conversion set. In just a few minutes, the MEDIAJET vario base unit can be converted and adjusted to fill the Petri dishes of choice, providing invaluable flexibility to your media preparation lab.



Filling dishes with two compartments

For many applications, the amount of required agar can be reduced by using two-compartment Petri dishes. However, pouring biplates by hand is time-consuming and inefficient. With the MEDIAJET vario biplate option you have an efficient and reliable solution to fill two-compartment Petri dishes automatically.

Test tube filler option for MEDIAJET

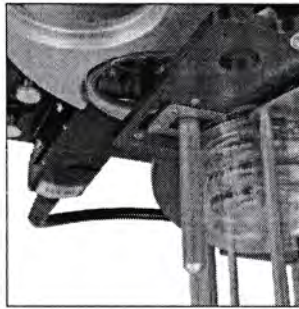


Process documentation and validation



MEDIAJET provides all features necessary to support the individual needs in quality control. All process relevant information can be documented using a standard external printer or by directly transferring the information to a personal computer.

Petri dish imprinting



Different optionally available inkjet printer connection kits allow the connection of three different brands of inkjet printers (MARKEM-IMAGE, LINX, Domino). All inkjet printer systems permit to apply a wide variety of information onto the Petri dishes like alphanumeric text, expiry / production date or barcodes.

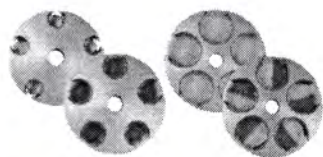
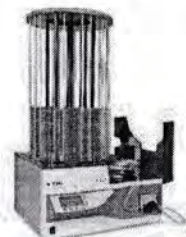
All supported inkjet printers allow side wall imprinting. Alternatively, dishes can be imprinted on the bottom using the LINX 4900 inkjet printer module.



For every lab involved in culture media production, the TUBE-FILLER option is the perfect extension to the functionality of MEDIAJET. It allows you to convert the automated Petri dish pourer into a test tube filler in just a minute. This unique solution from INTEGRA Biosciences makes MEDIAJET the most versatile system for media dispensing in the market. Racks for test tubes of various diameters and length can be processed continuously. This makes the TUBE-FILLER suitable for a wide range of applications, including the production of agar slants, broth cultures or NaCl dilutions.



Instrument selection and available options



	MEDIAJET	MEDIAJET vario	MEDIAJET vario with biplate option
Filling of Ø 90mm Petri dishes	●	●	●
Filling of Ø 60mm Petri dishes		●	●
Filling of Ø 35mm Petri dishes		●	●
Filling of Ø 90mm biplate Petri dishes			●
Filling of test tubes (with TUBEFILLER option installed)	●	●	●
Shaker function for pour plate applications	●*	●*	●*
Turbo mode (with optional kit)	●	●	●
Imprinting 90, 60 and 35mm Petri dishes on the side wall (connection kit for MARKEM-IMAGE, LINX and Domino)	●	●	●
Imprinting 90, 60 and 35mm Petri dishes on the bottom (connection kit for LINX inkjet printer), ex factory option	●	●	●
Blood agar preparation with external pump DOSE IT	●	●	●
Cooling option, ex factory	●	●	●*

* Standard feature

Technical Data

MEDIAJET

Dosing range per dish	1 – 99.9 ml
Dosing reproducibility	circa 1% (at 15 ml)
Maximal dosing rate	500 ml/min
Filling delay	0 – 9.9 sec
Capacity / Carousel	540 (90 mm Petri dish) 360 (90, 60, 35 mm Petri dish)

Filling rates

Standard filling rate	circa 900 dishes/hour (up to 15 ml)
Turbo filling rate	circa 1'100 dishes/hour (up to 24 ml)

Petri dish

Dish diameter	90 mm 90, 60, 35 mm (vario)
Dish height	12 – 25 mm

TUBEFILLER

Test tube diameters	13, 16, 20, 25 or 30 mm
Dosing range	0.5 – 999 ml
Flow rate	up to 260 ml/min
Test tube length	up to 25 cm
Dosing reproducibility	< 1 % (at 1 – 99 ml)
Filling rate	1000 tubes/hour (at 10 ml, 4 mm ID tubing)

Power supply

Consumption	200 W
Input voltage	100 – 240 V 50/60 Hz
Fuses	T 2A (2x)

Dimensions

Basic unit (H x W x D)	330 x 655 x 634 mm
Height with 360 Carrousel	1070 mm
Height with 540 Carrousel	1405 mm

Net weight

Basic unit	47.0 kg
360 Carrousel	6.8 kg
540 Carrousel	8.3 kg

UV-Lamp

	11W (2.1 W UV-C, 253.7 nm)
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Interface

	2 x RS232, Alarm, Inkjet, Foot switch
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Ordering information

Instrument		Part No.
MEDIAJET base unit	for Ø 90 mm Petri dishes. Requires rotor and carousel. Includes tubing set 103 030	103 005
	with cooling	103 006
MEDIAJET vario base unit	for Ø 35, 60 or 90 mm Petri dishes. Requires rotor, carousel and conversion set	113 000
	with cooling	113 001
MEDIAJET vario base unit with biplate option	for Ø 35, 60 or 90 mm or two-compartment Petri dishes. Requires rotor, carousel and conversion set	with cooling 113 002
Rotor	for Ø 90 mm Petri dishes	103 271
	for Ø 90 mm biplate Petri dishes (for MEDIAJET vario with biplate option only). Can also be used for standard Ø 90 mm Petri dishes	113 806
	for small Ø 90 mm (Ø 90S) Petri dishes	103 272
	for large Ø 90 mm (Ø 90L) Petri dishes (for MEDIAJET vario only)	113 460
	for Ø 60 mm Petri dishes (for MEDIAJET vario only)	113 271
	for Ø 35 mm Petri dishes (for MEDIAJET vario only)	113 272
Carousel	for Ø 90 mm Petri dishes, capacity of 360	103 020
	for Ø 90 mm Petri dishes, capacity of 540	103 021
	for large Ø 90 mm (Ø 90L) Petri dishes, capacity of 360 (for MEDIAJET vario only)	113 022
	for large Ø 90 mm (Ø 90L) Petri dishes, capacity of 540 (for MEDIAJET vario only)	113 023
	for Ø 60 mm Petri dishes, capacity of 360 (for MEDIAJET vario only)	113 020
	for Ø 35 mm Petri dishes, capacity of 360 (for MEDIAJET vario only)	113 021
Conversion set (required for MEDIAJET vario only)	for Ø 90 mm Petri dishes, comprises the adaptation insert, head plates for feeder and stacker piston and 1 tubing set	113 051
	for large Ø 90 mm (Ø 90L) Petri dishes, comprises the adaptation insert, head plates for feeder and stacker piston and 1 tubing set	113 055
	for Ø 60 mm Petri dishes, comprising the adaptation insert, head plates for feeder and stacker piston, gripper left, gripper right and 1 tubing set	113 052
	for Ø 35 mm Petri dishes, comprising the adaptation insert, head plates for feeder and stacker piston, gripper left, gripper right and 1 tubing set	113 053
Accessories		Part No.
Filling nozzle	for Ø 90 mm Petri dishes	103 032
	for Ø 60 and 35 mm Petri dishes	113 032
Tubing set	for Ø 90 mm Petri dishes, comprising 1.5 m silicone tubing (6 mm inner diameter) and filling nozzle	103 030
	for Ø 35 and 60 mm Petri dishes, comprising 1.5 m silicone tubing (6 mm inner diameter) and filling nozzle	113 030
Communication interface cable MEDIAJET to MEDIACLAVE	for process documentation on MEDIACLAVE printer	103 046
Turbo mode option		Part No.
Turbo mode kit	for accelerating the filling rate of Ø 90 mm Petri dishes, comprising extension pump head and tubing set for Turbo mode (Part No. 103 035)	103 036
Tubing set for Turbo mode	including filling nozzle for Ø 90 mm Petri dishes and tubing for double pump head configuration (6 mm inner diameter), length 2.0 m	103 035
Petri dish imprinting		Part No.
Printer connection kit	for MARKEM-IMAJE 9020 inkjet printer including the fixing device and the interface cable for Ø 90, Ø 60 and Ø 35mm PD. Without printer.	103 080
	for MARKEM-IMAJE 9232 inkjet printer including the fixing device and the interface cable for Ø 90 and Ø 60 mm PD. Without printer.	103 091
	for LINX 4900 / CJ400 inkjet printer (side wall printing), including the fixing device and the interface cable for Ø 90 and Ø 60 mm PD. Without printer.	113 845
	for Domino A320i inkjet printer including the fixing device and the interface cable for Ø 90 and Ø 60 mm PD. Without printer.	113 060
	for LINX 4900 inkjet printer, for imprinting Petri dishes on the bottom. Includes interface cable MEDIAJET to LINX 4900. Ex factory option, without printer.	113 840
Printer table stand	for IMAJE 9020 inkjet printer	103 085
Cart	for MEDIAJET, with compartment for LINX 4900 inkjet printer and opening for connecting the printer head to MEDIAJET (bottom printing).	113 841

Ordering information

Accessories (continuation of previous page)		Part No.
Independent pump function		
Footswitch	for independently using the MEDIAJET pump	143 200
Aspiration / dispensing tube	for 6 mm inner diameter silicone tubing as suction or end-piece nozzle, 6 mm inner diameter, 10 cm length, stainless steel, one end dented	171 056
Aspiration tube	6 mm inner diameter, 35 cm length, stainless steel, one end dented	171 066
Tube collar as weight for aspiration tubes	for aspiration tubes with 4-6 mm inner diameter	171 074
Blood agar preparation		
Tubing set for blood agar	suitable for adding 3 to 10% blood in connection with the INTEGRA peristaltic pump DOSE IT. Includes filling nozzle for Ø 90 mm Petri dishes, tubing for media (6 mm inner diameter) and additive (2 mm inner diameter), glass T-piece, suction needle stainless steel	103 040
DOSE IT P910	peristaltic pump for preparation of blood agar	171 000
Interface cable	for connection of MEDIAJET to DOSE IT	103 047
Tube-filler option		
TUBEFILLER option for MEDIAJET	including filling arm, support plate compatible with racks of Ø 13, 16, 20, 25 or 30 mm test tubes and a 2.5 m (3 mm inner diameter) silicone tubing set with dispensing/aspiration and tube collar	103 010
Test tube racks polypropylene, autoclavable (max. 121°C).	for Ø 13 mm test tubes, 6 x 15 capacity	103 070
	for Ø 16 mm test tubes, 5 x 12 capacity	103 071
	for Ø 20 mm test tubes, 4 x 10 capacity	103 072
	for Ø 25 mm test tubes, 3 x 8 capacity	103 073
	for Ø 30 mm test tubes, 3 x 7 capacity	103 074
Centring plate (required to provide an accurate positioning of Ø 16, 20 or 25 mm test tubes, which are longer than 15 cm)	for Ø 16 mm test tube rack.	103 065
	for Ø 20 mm test tube rack	103 066
	for Ø 25 mm test tube rack	103 067
Aspiration / dispensing tube	10 cm length, 2.0 mm inner diameter, stainless steel, one end dented	171 052
	10 cm length, 3.0 mm inner diameter, stainless steel, one end dented	171 053
	10 cm length, 4.0 mm inner diameter, stainless steel, one end dented	171 054
Tube collar as weight	for aspiration tubes with 1-3 mm inner diameter	171 071
	for aspiration tubes with 4-6 mm inner diameter	171 074
Consumables		Part No.
UV lamp TUV11W	to reduce the risk of contamination during the filling process	103 705
Silicone tubing	for Petri dish filling, 25 m bulk roll (6 mm inner diameter, 1.5 mm wall thickness)	171 036
	for TUBEFILLER option, 25 m bulk roll (2 mm inner diameter, 1.5 mm wall thickness)	171 032
	for TUBEFILLER option, 25 m bulk roll (3 mm inner diameter)	171 033
	for TUBEFILLER option, 25 m bulk roll (4 mm inner diameter)	171 034

See product pictures on www.integra-biosciences.com



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