

DATA SHEET

Pure and RO water system **Compact**

| Parameters | RO | Pure | Pure 4 |
|-----------------------------------------------------|------------------------|----------------|----------------|
| Catalogue No. | CT-1245 | CT-1005 | CT-1004 |
| Catalogue No., pressurized tank configuration | CT-1246 | CT-1006 | - |
| Output Grade 2 water resistivity at 25 °C | N/A | >10 MΩ x cm | >10 MΩ x cm |
| Output Grade 2 water conductivity at 25 °C | N/A | <0.1 μS/cm | <0.1 μS/cm |
| TDS rejection rate | ≥97% | N/A | N/A |
| 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 | 4 L/h |
| Deionization module | - | + | + |
| Display | Monochrome LCD | Monochrome LCD | Monochrome LCD |
| Dispenser | Optional | Optional | Optional |
| TOC monitor | - | - | - |
| Temperature range | 15–30 °C | 15–30 °C | 15–30 °C |
| Relative humidity | 20–80% | 20–80% | 20–80% |
| Mains voltage | 200–240 VAC | 200–240 VAC | 200–240 VAC |
| Power | 100 W | 100 W | 100 W |
| Fuse | 230 V, 3.15 A | 230 V, 3.15 A | 230 V, 3.15 A |
| Width*Depth*Height | 23*30*41 cm | 23*30*41 cm | 23*30*41 cm |
| System weight | 10 kg | 12 kg | 12 kg |
| Operating weight | 11 kg | 15 kg | 15 kg |
| Tank | Required, not included | | |

Feedwater properties

| | |
|----------------------------|--------------------------------|
| Type of feedwater | Tap water |
| Feedwater pressure | 0.4–4.0 bar |
| Feedwater conductivity | <1500 μS/cm |
| Temperature | 5–35 °C |
| pH | 4–10 |
| Fouling Index | <5 |
| Iron | <0.1 ppm as CaCO ₃ |
| Aluminium | <0.05 ppm as CaCO ₃ |
| Manganese | <0.05 ppm as CaCO ₃ |
| Total chlorine | <1 ppm |
| Langelier Saturation Index | <+0.2 |
| TOC | <2000 ppb |