

Ultrapure Water System MicroPure, Thermo Scientific

Thermo Scientific MicroPure system for supply of ultrapure water (18.2 MΩ, 0.055µS/cm) ASTM type I

Ultrapure water supply for typical requirements of up to 15 liters/day

All MicroPure systems meet and exceed the requirements specified by the international standards ASTM (type I), ISO 3696 (type 1), ASTM D1193, and CLSI-CLRW. The large range of innovative optional accessories, such as a UV lamp of wavelengths 185/254 nm or a ultra-filter with backflushing option ensure optimum supply of all analytical and bio-scientific applications.

MicroPure systems are supplied ready for use and complete with the following equip-ment: pressure reducer, end filter, ultrapure water cartridge, and various options

Ultrapure water specifications ASTM type I:

Conductivity in µS/cm: 0.055

Resistance in MΩ × cm: 18.2

Flow rate in l/min.: 1.5

Flow rate with UF in l/min: 1.0

TOC value in ppb (model with UV): 1 - 5

TOC value in ppb (model without UV): < 10

Endotoxins in EU/ml (models with UF): 0.001

Bacterial content in KbE/ml: < 1

Particle content per ml: < 1

Technical data:

Dimensions (W×H×D): 305 × 545 × 300 mm

Mains connection: 90-240 V/50 Hz, rubber connector 1.8 m

Raw/feed water: RO/DI/distilled water, 0.1 to 6 bar

Feed water connection: Hose 1.5 m with 8 mm outside diam. and 3/4" inner thread

Waste water connection: 1/4" or 8 mm outside diam., hose 2 m, unpressurized outlet

Weight empty: 17 kg

MicroPure		
Article	Typical application	Order No.
MicroPure	AAS, ICP, standard buffer	10 86 61202
MicroPure UF	Micro and molecular biology, PCR, IVF	10 86 61203
MicroPure UV	Trace analysis, HPLC, ICP-MS, IC	10 86 61205
MicroPure UV/UF	Molecular biology, PCR, DNS, IVF	10 86 61204
	Monoclonal antibodies, cell culture	

MicroPure ST		
Article	Typical application	Order No.
MicroPure ST	AAS, ICP, standard buffer	10 86 61212
MicroPure ST UF	Micro and molecular biology, PCR, IVF	10 86 61213
MicroPure ST UV	Trace analysis, HPLC, ICP-MS, IC	10 86 61215
MicroPure ST UV/UF	Molecular biology, PCR, DNS, IVF	10 86 61214
	Monoclonal antibodies, cell culture	

Accessories on request.

