

Water purification system (type 1) GenPure Thermo Scientific Barnstead



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Product Data

Integrated feed water monitoring:

- An additional measuring cell monitors feed water conductivity.
- Any exceeding of the limiting value is immediately displayed maximizing cartridge life.

Online TOC measurement with uV intensity monitoring:

- Real-time TOC monitoring allows continual measurement of organic substances present in the water.
- Continuous monitoring of UV intensity removes the risk of false TOC values due to diminished UV intensity.
- Fault message alerts user when the UV lamp intensity is no longer sufficient for accurate TOC measurements.
- System offers UV Photo-oxidation 185/254nm.
- High performance UV assembly reliably reduces the content of microorganisms and their metabolites.

Ready-to-use:

Measurement of conductivity/resistivity

- Conductivity cells are carefully calibrated prior to each measurement via built-in reference resistance with cell constants at 0.01cm-1.
- Temperature measurements are made by a platinum chip sensor with $\pm 0.1^{\circ}\text{C}$ accuracy

GLP-compliant documentation

- Real-time clock and code-protected operating system prevents unauthorized changes to system settings
- RS-232 interface with adjustable send—interval for safe data transfer of all measured data, faults, date and time to a PC computer or log printer
- Digital microprocessor control automatically monitors and stores faults from the last four weeks
- USP-compliant conductivity measurement with temperature compensation can be switched on or off

Tilting control panels for easy viewing

- The ergonomically designed controller tilts for optimal key pressing and easy readability
- Illuminated four-line alpha-numeric display
- GenPure: IC, standard buffer
- GenPure UV: Ultralow TOC levels required Analytical analysis, such as HPLC and ICP-MS
- GenPure UF: Molecular biology, microbiology, PCR, IVF, monoclonal antibodies
- GenPure UV/UF: Nuclease, pyrogen, organic free water required Molecular biology, PCR, DNA, monoclonal antibodies, cell culture media
- GenPure UV-TOC: TOC monitoring and ultralow TOC levels required Chemical analysis (trace analysis, HPLC, IC, ICP-MS, TOC measurements)
- GenPure UV-TOC/UF: TOC monitoring and nuclease, pyrogen, organic free water required Biosciences (cell and tissue culture media, PCR, DNA, monoclonal antibodies)

Item No.	type no.	TOC	Price
16.0822.02	GenPure	5 - 10 ppb	CHF 6'105.00
16.0822.03	GenPure UF	5 - 10 ppb	CHF 6'658.80
16.0822.04	GenPure UF/UV	1 - 5 ppb	CHF 10'427.00
16.0822.05	GenPure UV	1 - 5 ppb	CHF 6'951.30
16.0822.07	GenPure UV-TOC/UF	1 - 5 ppb	CHF 7'905.00

Accessories

Item No.	Description	Price
16.0920.02	Accessories for Water purification Systems GenPure	from CHF 466.70

* The prices are non-binding and are to be understood as selling prices in Swiss francs without value added tax (VAT), as well as all other fees, charges and taxes. The prices displayed in the eShop may differ from the PDF file due to regular updates.

** Please note that when ordering chemicals and detergents, transport and packaging costs for hazardous goods as well as legally prescribed fees are charged. These will be shown in detail on the order confirmation, which you will receive in addition to the confirmation of receipt.

*** Further information such as technical information and safety data sheets can be found online in our eShop.

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