

Лабораторные системы очистки воды GenPure XCAD

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Barnstead GenPure with Wall Mount x-CAD Plus

Barnstead GenPure Laboratory Water Purification System - Provides Type I Ultrapure Water.

Genpure systems come with filters.



Barnstead GenPure offers outstanding control, high-precision, and USP-complying conductivity measurement with temperature compensation that can be switched on or off. The Barnstead GenPure system delivers ultrapure 18.2MW.cm water with consistent quality for the most demanding and sensitive applications.

Dispensing for a variety of tasks

- *New flexible dispenser offers a radius of 24 inches 60cm from the system for filling larger vessels or glassware washing*

Leak Detection

- *Internal leaks can be detected and an error displayed*

Integrated feed water monitoring

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

Online TOC measurement with UV intensity monitoring TOC Versions only

- *Real-time TOC monitoring for 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*

UV Photo-oxidation 185/254nm UV models only

- *High performance UV assembly reliably reduces the content of microorganisms and their metabolites*
- *UV oxidation also reduces organic compounds in the water to ultra-low levels*

Ready-to-use

- *Feed water pressure switch, wall bracket, UV lamp, ultrapure cartridge, sterile filter, all included in one part number*
- *Leak detection standard and will alert user to leaks*

Measurement of conductivity/resistivity

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

Quick-connect cartridge replacement

- *Aquastop quick-connect capability enables cartridge replacement within seconds even mid-operation*

Exact dosing

- *High precision POM draw-off valve for dispensing with sterile filter*
- *Electronic dosing for fully automatic volume control of 0.01-65.0L with <2% 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

- Ergonomically designed controller tilts for ease-of-use and better visibility
- Illuminated four-line alpha-numeric display

Compliance

- All GenPure systems exceed international standards ASTM Type I, ISO 3696 Grade 1, ASTM D 1193 and CLSI.

Specifications

Flow rate, max.	Up to 2L/min.
Operating pressure min./max.	0.1 to 6 bar
Conductivity	0.055µS/cm
Resistance at 25°C	18.2Mwxcm
Bacterial content CFU/mL	<1
Particles >0.2µM/mL	<1
Electrical Requirements	90-240V, 50/60Hz
Power consumption	0.1kW
Feedwater connector	3/4 in. NPT
Dimensions D x W x H	472 x 330 x 615mm 18.6 x 13 x 24.2 in.
Temperature min./max.	2° - 35°C

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Barnstead GenPure UV/UF-TOC

Thermo / Barnstead Brand Product - with Bench Top x-CAD Plus



Gain flexibility in the lab with the new Thermo Scientific™ Barnstead™ GenPure™ xCAD Plus Ultrapure Water Purification System. Its advanced technologies allow for simultaneous dispensing from up to three remote dispensers for ease of use in shared laboratory environments. This lab water system comes with leak detection, electronic dispensing for fully automatic volume control and feed water monitoring that alerts users to fluctuations in the feed water quality. All consumables needed for start-up come with the system, allowing for simple ordering and setup.

Product Size	Each
Resistivity	18.2MO·cm at 25°C
Conductivity	0.055µS/cm
Flow Rate	Up to 2L/min
Total Organic Carbon	1 to 5ppb
Endotoxin Concentration	<0.001EU/mL
Bacterial Content	<0.1 CFU/mL
Particles >0.2µM/mL	<1
Feed Water Monitoring	Integrated
Feedwater Connector	3/4 in.
Height English	24 in.
Height Metric	615mm
Width English	14.6 in.
Width Metric	372mm
Operating Pressure	0.1 to 6 bar
Voltage	90 to 240V
Hertz	50/60Hz

Temperature Range Metric	2° to 35°C
Depth English	13 in.
Depth Metric	330mm
Description	Barnstead GenPure xCAD Plus UV/UF – TOC bench version
Model	Barnstead GenPure xCAD Plus UV/UF - TOC bench version
Power Consumption	0.1kW
Electrical Requirements	90 to 240V 50/60Hz

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Barnstead Genpure UF with Bench Top x-CAD

Thermo / Barnstead Brand Product



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Barnstead Genpure UV/UF with Bench Top x-CAD



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Barnstead Genpure UV with Bench Top x-CAD



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Barnstead GenPure UF/UV TOC



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Barnstead GenPure UF/UV TOC



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Barnstead Genpure with Bench Top x-CAD



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Barnstead Genpure UV-TOC with Bench Top x-CAD



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Barnstead Genpure UV/UF-TOC with Bench Top x-CAD



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