

We offer the most comprehensive portfolio of water solutions for the lab. Our water experts will help you choose the right system for your application, using our unique Thermo Scientific H₂O SELECT™ testing program.

Thermo Scientific Barnstead NANOpure® Water System

Ultrapure water systems



Calibrate your system electronics in the field with the NIST Traceable Calibration Module.



Features and Benefits

- Our Thermo Scientific Barnstead NANOpure features state-of-the-art purification technologies for your most critical applications, integrated within ergonomic, user-friendly designs. These advanced systems produce water that consistently achieves 18.2 megohm-cm resistivity and TOC (Total Organic Carbon) values of <1 ppb, exceeding ASTM, CAP and NCCLS Type I water requirements.
- Our high-capacity cartridge packs, filters and UV lamps provide the lowest operating cost of any comparable lab water system available. Key features come standard, and low cost-of-ownership means reduced consumables and equipment expense.
- One-connection cartridge packs and automatic sanitization features make operation and maintenance as simple as can be.
- With the optional remote dispenser, water can be dispensed up to 8 feet away from the unit, for more flexibility in your lab.

Thermo Scientific Barnstead NANOpure Water System Specifications

Cat. No.	Shipping Weight lbs (kg)	Overall Dimensions H x W x D inches (cm)	Maximum Inlet Pressure psig	Inlet Connection	Power Requirements Volts/ Hz	Maximum Flow Rates	
						Gravity Feed	Pressurized Feed
D11901 D11941	35 (15.9)	19.5 x 13.4 x 16.9 (49.5 x 34.0 x 42.9)	100	3/8" Inlet Tubing (supplied)	90 - 240 VAC	1.5 LPM	1.6 LPM
D11911 D11951	40 (18.2)	19.5 x 13.4 x 16.9 (49.5 x 34.0 x 42.9)	100	3/8" Inlet Tubing (supplied)	90 - 240 VAC	1.5 LPM	1.6 LPM
D11921 D11961	40 (18.2)	19.5 x 13.4 x 16.9 (49.5 x 34.0 x 42.9)	100	3/8" Inlet Tubing (supplied)	90 - 240 VAC	1.5 LPM	1.6 LPM
D11931 D11971	45 (20.4)	19.5 x 13.4 x 16.9 (49.5 x 13.4 x 42.9)	100	3/8" Inlet Tubing (supplied)	90 - 240 VAC	1.5 LPM	1.6 LPM

Cat. No.	Description	Recommended Cartridge Pack
D11901 D11941	NANOpure Analytical NANOpure Analytical TOC	D50282 or D50283
D11911 D11951	NANOpure UV NANOpure UV TOC	D50280 or D50281
D11921 D11961	NANOpure Diamond UF NANOpure Diamond UF TOC	D50282 or D50283
D11931 D11971	NANOpure Diamond Life Science NANOpure Diamond Life Science TOC	D50282 or D50281

Thermo Scientific Barnstead NANOpure Systems Accessories Specifications

Cat. No.	Description
D13661	AccuDispense - volumetric remote dispenser
D11981	Remote Dispenser - Easily attaches to the NANOpure, allowing you to deliver water up to 8 feet away from the unit. Unique design virtually eliminates any dead volume, and coiled tube allows for easy use while taking up a minimal amount of space.
AY1137X1	Printer, 120 or 240V - provides you with a paper document of the unit being used in addition to time, temperature, and resistivity or conductivity of the product water at regular intervals.
E896X5	NIST Calibration module
CMX25	Cleaning Syringe

Thermo Scientific Barnstead NANOpure Cartridge Packs

Cat. No.	Description	Application	Capacity
D50280	Kit Organic Free RO and Distilled Feed	Ultra-Low Organics, Type I Water, Reverse Osmosis or Distilled Water Feed	1160 as NaCl (1503 meq)
D50281	Kit Organic Free Deionized Feed	Ultra-Low Organics, Type I Water, Deionized Water Feed	1160 as NaCl (1503 meq)
D50282	Kit Type 1, R/O and Distilled Feed for Analytical or UF units	Low Organics, Type I Water, Reverse Osmosis or Distilled Water Feed	1160 as NaCl (1503 meq)
D50283	Kit Type 1, Deionized Feed for Analytical or UF units	Low Organics, Type I Water, Deionized Water Feed	1160 as NaCl (1503 meq)
D3750	0.2 micron, Final Filter		

Clearance Information
Sides: >22.9 cm (9") for servicing. Above: >7.6 cm (3") for removal of the top cover. Front: >12.1 cm (4.75") for opening front door

Certification Information

The NANOpure units are CE, CUL and CSA certified.



Warranty Information

Two-year parts warranty

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North America: USA/Canada +1 800 553 0039

Europe: Austria +43 1 801 40 0, Belgium +32 2 482 30 30, Finland +358 9 329 100, France +33 2 2803 2000, Germany national toll free 08001-536 376, Germany international +49 6184 90 6940, Italy +39 02 95059 1, Netherlands +31 76 571 4440, Russia/CIS +7 (812) 703 42 15, Spain/Portugal +34 93 223 09 18, Switzerland +41 44 454 12 12, UK/Ireland +44 870 609 9203

Asia: China +86 21 6865 4588 or +86 10 5850 3588, India +91 22 5542 9494, Japan +81 45 453 9220, Other Asian countries +852 2885 4613

Countries not listed: +49 6184 90 6940 or +33 2 2803 2000

www.thermo.com

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