

Thermo Scientific Barnstead RoDi provides ultrapure water from your tap for sensitive applications including: HPLC, ICP, GC/MS, and AA.

Thermo Scientific Barnstead RoDi

Ultrapure water straight from your tap in one complete system

Description

The Thermo Scientific Barnstead RoDi transforms your tap water into ultrapure water in one compact and fully automatic system. Designed for scientists needing less than 15 liters of ultrapure water a day, the RoDi comes standard with a UV lamp, producing water with ultra low levels of organics. This makes the RoDi® an ideal choice for HPLC, ICP, GC/MS, AA and related applications.

Quick Look

Resistivity at 25°C, MΩ-cm	18.2
Total Organic Carbon, ppb	1-5
Bacteria, CFU/mL	< 1
Daily Output, L	Up to 15



High-visibility display provides accurate reading of resistivity as water exits the system through a 0.2 micron final filter.



Cartridges easily accessible from panel door.



Barnstead RoDi

Features

- Produces ultrapure water that exceeds the quantitative specifications of Type 1 water as described in ASTM D1193, ISO 3696, and CLSI®-CLRW.
- Recirculation of water between the reservoir, cartridge and UV lamp ensures you consistently have ultrapure water at your fingertips.
- A dual wavelength quartz ultraviolet lamp (185 & 254 nm) oxidizes organics down to virtually undetectable levels while controlling bacteria within the system.
- Microprocessor controlled purity monitor provides a digital reading as the water exits the system.
- Monitoring system alerts you to vital information including membrane performance and when it is time to change the consumables.
- 6.5 liter internal reservoir incorporates an air filter to prevent airborne impurities from contaminating the water during storage.
- Whisper quiet pump provides optimal flow rates and silent operation.
- Integral low water and low pressure pump protection ensures pump protection in the event there is not sufficient feed water in the tank.

Thermo Scientific Barnstead RoDi Specifications

Product Specifications				
Overall Dimensions W x H x D	Feed Water Pressure	Inlet Water Temperature	Voltage	Flow Rate
12 x 17.1 x 19 inches 30.5 x 43.5 x 48.3 cm	30-100 psig 2-6.9 bar	40-104 °F 4-40 °C	100-240 VAC	0.8 L/min

Ordering Information

System Options	
Model Number Includes a Thermo Scientific Ventgard reservoir cap and a UV lamp.	D13321
Required Accessories	
RoDi Start-Up Kit Includes Pre-filter, Ultrapure Mixed Bed Cartridge, Easypure High Purity/Low TOC Cartridge, RO Membrane, and 0.2 micron Final Filter.	D502132
Set of 3 Empty Cartridges Necessary for sanitization.	D7034
Optional Accessories	
External Boost Pump Recommended when water feed water pressure is below 30 psi (2 bar). Ships with wall bracket and necessary tubing and fittings.	AY1332X1
Wall Mounting Bracket Recommended when bench space is limited. Sturdy swivel base provides easy access to cartridge door.	D13324
Pre-Filtration Accessory Kit Recommended for feed water with moderate to high turbidity and fouling index. ¹ Contains both a 5 micron pre-filter and RO membrane descaling media.	AY1332X2
Replacement Consumables	
Cartridge Kit Includes Pre-filter, Ultrapure Mixed Bed Cartridge, and Easypure High Purity / Low TOC Cartridge.	D502133
Ultraviolet Lamp	LMX13
0.2 micron Final Filter	D3750
Ventgard Reservoir Cap Includes the cap and filter.	CV742X5A

¹This can be determined using the H₂O SELECT Water Kit testing program.



Thermo Scientific H₂O SELECT Water Testing Program

We offer a unique, FREE water test program to analyze your feed water and choose the perfect system for your sensitive applications and procedures.

Visit www.thermo.com/select to learn more.

© 2009 Thermo Fisher Scientific Inc. All rights reserved. CLSI is a registered trademark of Clinical and Laboratory Standards Institute. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.

North America: USA/Canada +1 800 553 0039

Europe: Austria +43 1 801 40 0, Belgium +32 2 482 30 30, France +33 2 2803 2180, Germany national toll free 08001-536 376, Germany international +49 6184 90 6940, Italy +39 02 02 95059 434-254-375, Netherlands +31 76 571 4440, Nordic/Baltic countries +358 9 329 100, 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 8419 3588, India toll free 1800 22 8374, India +91 22 6716 2200, Japan +81 45 453 9220,

Other Asian countries +852 2885 4613 Countries not listed: +49 6184 90 6940 or +33 2 2803 2180

DSWPRODI0209

www.thermo.com/purewater

Thermo
SCIENTIFIC