Product Specifications

Thermo Scientific Easypure II RF uses pretreated feed water to produce portable ultrapure water for critical applications, including: HPLC, ICP, GC/MS, AA and buffer prep.

Thermo Scientific Barnstead Easypure II RF

Portable ultrapure water

Description

The Thermo Scientific Easypure II RF (Reservoir Feed) series was specially designed for scientists who require a portable purification system, capable of producing up to 15 liters of ultrapure water per day from pretreated water.

Offered as two distinct models to suit your specific research needs, our base unit produces ultrapure water suitable for general laboratory applications, whereas the Easypure® II RF/UV has an internal dual wavelength UV lamp to reduce organics to the absolute lowest levels. This is an ideal choice for HPLC, ICP, GC/MS, AA, and related applications.

Features

- Each system produces ultrapure water that exceeds the quantitative specifications of Type 1 water as described in ASTM D1193, ISO 3696, and CLSI®-CLRW.
- Three cartridges in series provide increased capacity over similar systems.
- A 0.2 micron final filter at the point of use provides water free of particles and bacteria.
- An internal non-contaminating 6.5 liter reservoir allows the system to be mounted in locations without a permanent supply of water. Simply pour pretreated water into the reservoir and the Easypure II will produce ultrapure water anywhere in your laboratory.
- A standby mode recirculates purified water during inactivity to ensure purity and allow for on-demand use.
- All components are constructed of inert materials ensuring maximum ionic and organic purity.
- Whisper quiet pump provides optimal flow rates and silent operation.
- Integral low water and low pressure pump protectors protect the pump in the event feed water is interrupted to the system.
- Feed water must be pretreated by reverse osmosis, distillation, or deionization.

Easypure II RF

Cartridges easily accessible from panel door. Optional wall bracket includes sturdy swivel base for quick access.

Quick Look Comparison		
	Easypure II RF	**Easypure II RF/UV**
System Design	Base Unit - No UV	Ultra low organics
Application	• Buffer prep • Titration solutions • AA • GC	• HPLC • TOC • GC/MS
Resistivity at 25°C, MΩ-cm	18.2	18.2
Total Organic Carbon, ppb	5-10	1-5
Bacteria, CFU/mL	< 1	< 1
Daily Output, L	Up to 15	Up to 15

Thermo Scientific Barnstead Easypure II RF Specifications

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Overall Dimensions W x H x D	**Inlet Water Temperature**	**Voltage**	**Flow Rate**
12 x 17.1 x 19 inches 30.5 x 43.5 x 48.3 cm	40-104 °F 4-40 °C	100-240 VAC	0.8 L/min

Ordering Information

System Options		Easypure II RF	Easypure II RF/UV
Model Number All systems include a Thermo Scientific Ventgard reservoir cap and a UV lamp (UV model only).		**D7031**	**D7035**
Required Accessories			
Cartridge Pack Choose the Cartridge Pack according to your feed water and system.	Deionized Feed	D502126	D502124
	RO or Distilled Feed	D502127	D502125
0.2 micron Final Filter		D3750	D3750
Empty Cartridges for Cleaning		D7034	D7034
Optional Accessory			
Wall Mounting Bracket Recommended when bench space is limited. Sturdy swivel base provides easy access to cartridge door.		D13324	D13324
Replacement Consumables			
Ultraviolet Lamp		n/a	LMX13
Ventgard Reservoir Cap Includes the cap and filter.		CV703X4A	CV703X4A

Thermo Scientific H_2O 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.

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