

Thermo Scientific Easypure II system produces ultrapure water for use in critical applications, including: HPLC, ICP, GC/MS, cell and tissue culture and PCR.

Thermo Scientific Barnstead Easypure II

Ultrapure water for low-volume applications

Description

The Thermo Scientific Easypure II systems are a great option for scientists who need up to 15 liters of ultrapure water per day. Four application-specific models allow you to choose the Easypure® system that is right for your laboratory. Use the Quick Look Comparison chart to find the system that fits your specific needs and objectives.

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.
- Whisper quiet pump provides optimal flow rates and silent operation.
- 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.
- The system comes standard with a wall bracket for increased flexibility when choosing a location.
- 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



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

Quick Look Comparison

	Easypure II	Easypure II UV	Easypure II UF	Easypure II UV/UF
System Design	Base unit	Ultra low organics	Eliminates pyrogens	Lowest levels of organics, pyrogens and nucleases
Application	<ul style="list-style-type: none"> • Buffer prep • Titration solutions • AA • GC 	<ul style="list-style-type: none"> • HPLC • TOC • GC/MS 	<ul style="list-style-type: none"> • Cell and tissue culture • Monoclonal antibody production • Electrophoresis 	<ul style="list-style-type: none"> • PCR • 2-D electrophoresis • Cell culture • Blotting
Resistivity at 25°C, MΩ-cm	18.2	18.2	18.2	18.2
Total Organic Carbon, ppb	5-10	1-5	5-10	1-5
Bacteria, CFU/mL	< 1	< 1	< 1	< 1
Pyrogens, EU/mL	NA	NA	< 0.001	< 0.001

Thermo Scientific Barnstead Easypure II 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	100 psig 6.9 bar	40-104°F 4-40°C	100-240 VAC	Up to 1 L/min

Ordering Information

System Options		Easypure II	Easypure II UV	Easypure II UF	Easypure II UV/UF
Model Number Includes a wall bracket, sanitization syringe, with UV lamp and/or ultrafilter where applicable.		D7381	D7401	D7411	D8611
Required Accessories					
Cartridge Pack Choose the Cartridge Pack according to your feed water and system.	Deionized Feed	D502126	D502124	D502126	D502124
	RO or Distilled Feed	D502127	D502125	D502127	D502125
0.2 micron Final Filter		D3750	D3750	D3750	D3750
Optional Accessory					
Remote Dispenser Recirculates water through to tip of dispenser and includes a 0.2 micron final filter. Delivers water up to 8' (2.4 m) from the system. Ships with a wall mounting bracket for increased flexibility in choosing a mounting location.		D11981	D11981	D11981	D11981
Replacement Consumables					
Ultraviolet Lamp		n/a	LMX13	n/a	LMX13
Ultrafilter		n/a	n/a	FL1192X1	FL1192X1
Sanitization Syringe		CMX25	CMX25	CMX25	CMX25



Remote Dispenser, D11981, dispenses ultrapure water from up to eight feet (2.5 m) away from the Easypure II.



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.

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