

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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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 6885 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