

Системы EasyPure

Технические характеристики

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D7381

Barnstead EASYpure II 100-240V LF



Easypure systems have been discontinued and replaced by the new and improved Barnstead MicroPure Systems.

Parts and filters are still available.

This line fed system is designed to provide 1.5 l.p.m. of Type 1 water. Includes a resistivity meter.

Provides up to 3/8 pt./min. 1.1L/min. of Type I Reagent Grade Water from pretreated water RO, distilled or DI delivered by a pressurized line or a storage reservoir. Ideal for analytical applications including AA, ICP/MS and higher wavelength HPLC.

Type I. For applications requiring less than 4 gal./day 15L/day of ultrapure water. Provides affordable and convenient alternative to bottled water. Six application-specific models meet most critical analytical, biological or life science needs. Ultrapure water is dispensed directly from the system, eliminating cross-contamination that may occur with use of large containers or bottled water.

Choose portable batch feed system, line feed system, UV line feed system or UF line feed system. Uses feed water pretreated by reverse osmosis, distillation or deionization. Microprocessor controlled purity monitor provides digital resistivity readings, temperature compensated to 25 deg. C. In standby mode, water circulates for 10 minutes every hour to maintain purity.

Batch feed model features a 7L polypropylene filtered storage reservoir, low water pump protection and a 0.5L per minute flow rate.

Available in six models—RF Reservoir Feed, RF/UV Ultraviolet Reservoir Feed, LF Line Feed, UV Ultraviolet, UF Ultrafiltration and UV/UF Ultraviolet and Ultrafilter. All models feature a whisper-quiet pump and a standby mode which recirculates water within the system for 10 minutes during every hour of inactivity. All units except RF and RF/UV come complete with a bracket for wall mounting. Three disposable cartridges provide increased capacity over similar systems. Lightweight system features small, space-saving footprint.

Line feed model is fed from a pressurized feed line or a gravity feed storage tank and has up to 1.5L per minute flow rate. Both models produce Type I water with total organic carbon content less than 10 ppb.

UV line feed model features dual wavelength ultraviolet light 185 and 254nm to provide water purity of below 3 ppb TOC and up to 18.3 megohm-cm. 0.2 micron filter removes particles and bacteria at outlet.

UF line feed model uses a 10K mol wt. ultrafilter to provide less than 0.005EU/ml pyrogen levels and greater than 4 log reduction of pyrogens.

All models have cabinet with metal back and molded plastic front and can be either bench or wall mounted.

Size: 121/4Wx183/4Dx181/8H. Batch feed model uses two cartridges; line feed, UV line feed and UF line feed models require three cartridges.

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

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

D7035

Barnstead EASYpure II 100-240V RF/UV



Easypure systems have been discontinued and replaced by the new and improved Barnstead MicroPure Systems.

Parts and filters are still available.

Model RF/UV uses integral dual wavelength 184 and 254nm UV lamp that provides for organic-free water and bacterial control within the system.

Reservoir Feed Models RF and RF/UV Provide 3/4 pt./min. 0.8L/min. flowrate.

Since the unit has a built in storage container, no permanent supply of water is required. This unit can be placed virtually anywhere in laboratory.

Integral 3/4 gal. 6.5L reservoir is filled with pretreated water RO, distilled, or DI and is used to feed cartridges. Model RF/UF uses integral dual wavelength 184 and 254nm UV lamp that provides for organic-free water and bacterial control within the system.

Available in six models

RF Reservoir Feed

RF/UV Ultraviolet Reservoir Feed

LF Line Feed, UV Ultraviolet,
UF Ultrafiltration
UV/UF Ultraviolet and Ultrafilter.

All models feature a whisper-quiet pump and a standby mode which recirculates water within the system for 10 minutes during every hour of inactivity.

All units except RF and RF/UV come complete with a bracket for wall mounting.

Three disposable cartridges provide increased capacity over similar systems.

Lightweight system features small, space-saving footprint.

Dimensions:

19L x 12W x 17 1/8 in. H 48 x 30 x 43.5cm.

Shipping weight: 35 lb. 15.9kg.

For 120V 50/60Hz.

Note: height of Model RF 09-050-43 is 18 1/8 in. 46cm.

D7411

Barnstead EASYpure II 100-240V UF



Easypure systems have been discontinued and replaced by the new and improved Barnstead MicroPure Systems.

Parts and filters are still available.

This line fed system is designed to provide 1.5 l.p.m. of NCCLS TYPE 1 water with low levels of TOC and pyrogens. Includes Ultrafiltration membrane.

Provides up to 3/8 pt./min. 1.1L/min. of Type I Reagent Grade Water from pretreated water RO, distilled or DI delivered by a pressurized line or a storage reservoir. Ideal for analytical applications including AA, ICP/MS and higher wavelength HPLC.

Type I. For applications requiring less than 4 gal./day 15L/day of ultrapure water. Provides affordable and convenient alternative to bottled water. Six application-specific models meet most critical analytical, biological or life science needs. Ultrapure water is dispensed directly from the system, eliminating cross-contamination that may occur with use of large containers or bottled water.

Choose portable batch feed system, line feed system, UV line feed system or UF line feed system. Uses feed water pretreated by reverse osmosis, distillation or deionization. Microprocessor controlled purity monitor provides digital resistivity readings, temperature compensated to 25 deg. C. In standby mode, water circulates for 10 minutes every hour to maintain purity.

Batch feed model features a 7L polypropylene filtered storage reservoir, low water pump protection and a 0.5L per minute flow rate.

Available in six models—RF Reservoir Feed, RF/UV Ultraviolet Reservoir Feed, LF Line Feed, UV Ultraviolet, UF Ultrafiltration and UV/UF Ultraviolet and Ultrafilter. All models feature a whisper-quiet pump and a standby mode which recirculates water within the system for 10 minutes during every hour of inactivity. All units except RF and RF/UV come complete with a bracket for wall mounting. Three disposable cartridges provide increased capacity over similar systems. Lightweight system features small, space-saving footprint.

Line feed model is fed from a pressurized feed line or a gravity feed storage tank and has up to 1.5L per minute flow rate. Both models produce Type I water with total organic carbon content

less than 10 ppb.

UV line feed model features dual wavelength ultraviolet light 185 and 254nm to provide water purity of below 3 ppb TOC and up to 18.3 megohm-cm. 0.2 micron filter removes particles and bacteria at outlet.

UF line feed model uses a 10K mol wt. ultrafilter to provide less than 0.005EU/ml pyrogen levels and greater than 4 log reduction of pyrogens.

All models have cabinet with metal back and molded plastic front and can be either bench or wall mounted.

Size: 121/4Wx183/4Dx181/8H. Batch feed model uses two cartridges; line feed, UV line feed and UF line feed models require three cartridges.

D13321

Barnstead EASypure II 100-240V RO/DI



Easypure systems have been discontinued and replaced by the new and improved Barnstead Smart2Pure Systems.

Parts and filters are still available.

Combines Easypure UV and Easypure RO into a single unit. Flow rate is 800 ml/min. 6.5 liter internal reservoir.

Produces Type I Water from Tap Water

Great for Facilities Using Bottled Water

Puts an ultrapure water source within easy reach!

Specifications

Produces water that exceeds ASTM Type I standards with resistivities up to 18.2 mgh-cm and 5ppb Total Organic Carbon content.

Microprocessor controlled purity monitor provides a digital reading of the water purity exiting the system.

Monitoring system alerts you to vital information including membrane performance and when it is time to change the pretreatment cartridge.

6.5L internal reservoir incorporates an air filet to prevent air-borne impurities from contaminating the water during storage.

High flow reverse osmosis membrane ensures water will be available when you need it.

A dual wavelength quartz ultraviolet lamp 185 and 254 nm oxidizes organics down to virtually undetectable levels while controlling bacteria within the system.

Whisper quiet pump provides you optimal flow rate and silent operation.

Integral low water pump protection included ensuring pump protection in the event there is not sufficient feedwater in the tank.

0.2 hollow fiber absolute final filter at the point of use provides water free of particles and bacteria.

Accessories

Startup Kit

includes all of the accessories you will need to set up your system the first time including a set of cartridges, membrane and 0.2 final filter.

Pre-Filtration Accessory Kit is recommended for use when feed water has moderate to high turbidity and fouling index. Extends the life of the pre-filter incorporated in the EASYpure RoDi.

Combination high surface area 5 pre-filter and membrane descaling media.

Wall Mounting Bracket is ideal when counter space is limited.

Booster pump is required when feed water pressure is less than 30 p.s.i.

Sturdy swivel base provides easy access to rear cartridge door.

35-lb. Shipping weight.

Dimensions : 12 inchW x 18 inchH x 19 inchD

Max feed pressure : 80 p.s.i.

Min Feed Pressure 30 p.s.i.

Electrical : 10 to 240 VAC

D7031

Barnstead EASYpure II 100-240V RF



Easpure systems have been discontinued and replaced by the new and improved Barnstead MicroPure Systems.

Compact system for requirements of less than 15L of pure water per day.

Choose portable batch feed system, line feed system, UV line feed system or UF line feed system. Uses feed water pretreated by reverse osmosis, distillation or deionization.

Microprocessor controlled purity monitor provides digital resistivity readings, temperature compensated to 25 deg. C. In standby mode, water circulates for 10 minutes every hour to maintain purity.

Batch feed model features a 7L polypropylene filtered storage reservoir, low water pump protection and a 0.5L per minute flow rate.

Line feed model is fed from a pressurized feed line or a gravity feed storage tank and has up to 1.5L per minute flow rate. Both models produce Type I water with total organic carbon content less than 10 ppb.

UV line feed model features dual wavelength ultraviolet light 185 and 254nm to provide water purity of below 3 ppb TOC and up to 18.3 megohm-cm; 0.2 micron filter removes particles and bacteria at outlet.

UF line feed model uses a 10K mol wt. ultrafilter to provide less than 0.005EU/ml pyrogen levels and greater than 4 log reduction of pyrogens.

All models have cabinet with metal back and molded plastic front and can be either bench or wall mounted.

Size: 121/4Wx183/4Dx181/8H inch.

Batch feed model uses two cartridges;

line feed, UV line feed and UF line feed models require three cartridges.

Type I. For applications requiring less than 4 gal./day 15L/day of ultrapure water. Provides affordable and convenient alternative to bottled water. Six application-specific models meet most critical analytical, biological or life science needs. Ultrapure water is dispensed directly from the system, eliminating cross-contamination that may occur with use of large containers or bottled water.

Provide 3/4 pt./min. 0.8L/min. flowrate. No permanent supply of water required; unit can be placed virtually anywhere in laboratory. Integral 3/4 gal. 6.5L reservoir is filled with pretreated water - RO, distilled, or DI and is used to feed cartridges. Model RF/UF uses integral dual wavelength 184 and 254nm UV lamp that provides for organic-free water and bacterial control within the system. Digital resistivity monitor measures system purity. Optional remote dispenser 09-035-15 delivers water up to 8 ft. from system. All systems produce Type I water with resistivity of 18.2 megohm-cm and TOC Total Organic Carbon levels as low as 1 ppb. Ideal for applications such as AA, HPLC, TOC, GC and GC/MS, Ion Chromatography, ICP/MS and where RNase-free water is required for critical amplification techniques.

Dimensions: 19L x 12W x 17 1/8 in.H 48 x 30 x 43.5cm. Shipping weight: 35 lb. 15.9kg. For 120V 50/60Hz. Note: height of Model RF 09-050-43 is 18 1/8 in. 46cm. Shipping weights shown in ordering table. Cartridges and filters must be ordered separately.

D7401

Barnstead EASYpure II 100-240V UV



Easypure systems have been discontinued and replaced by the new and improved Barnstead MicroPure Systems.

Parts and filters are still available.

This system is designed to produce 1.0 l.p.m. of high purity water with very low levels of TOC. Includes 185 nm UV Light.

UV Line Feed Reagent-Grade Water System Incorporates dual wavelength UV lamp 185 and 254nm that controls bacteria and oxidizes organics to virtually undetectable levels. Delivers up to 3/8 pt./min. 1.1L/min. of water for critical organic applications including TOC determinations, HPLC, GC/MS and Ion Chromatography. Fed from a pressurized pretreated water line or storage reservoir.

Dimensions: 19L x 12W x 17 1/8 in.H 48 x 30 x 43.5cm. Shipping weight: 35 lb. 15.9kg. For 120V 50/60Hz. Note: height of Model RF 09-050-43 is 18 1/8 in. 46cm. Shipping weights shown in ordering table. Cartridges and filters must be ordered separately.

D8611

Barnstead EASYpure II 100-240V UV/UF



Easypure systems have been discontinued and replaced by the new and improved Barnstead MicroPure Systems.

Parts and filters are still available.

1 l.p.m. Type I Pyrogen Free Water with low TOC

Provides up to 3/8 pt./min. 1.1L/min. of Type I Reagent Grade Water from pretreated water RO, distilled or DI delivered by a pressurized line or a storage reservoir. Ideal for analytical applications including AA, ICP/MS and higher wavelength HPLC.

Type I. For applications requiring less than 4 gal./day 15L/day of ultrapure water. Provides affordable and convenient alternative to bottled water. Six application-specific models meet most critical analytical, biological or life science needs. Ultrapure water is dispensed directly from the system, eliminating cross-contamination that may occur with use of large containers or bottled water.

Choose portable batch feed system, line feed system, UV line feed system or UF line feed system. Uses feed water pretreated by reverse osmosis, distillation or deionization. Microprocessor controlled purity monitor provides digital resistivity readings, temperature compensated to 25 deg. C. In standby mode, water circulates for 10 minutes every hour to maintain purity.

Batch feed model features a 7L polypropylene filtered storage reservoir, low water pump protection and a 0.5L per minute flow rate.

Available in six models—RF Reservoir Feed, RF/UV Ultraviolet Reservoir Feed, LF Line Feed, UV Ultraviolet, UF Ultrafiltration and UV/UF Ultraviolet and Ultrafilter. All models feature a whisper-quiet pump and a standby mode which recirculates water within the system for 10 minutes during every hour of inactivity. All units except RF and RF/UV come complete with a bracket for wall mounting. Three disposable cartridges provide increased capacity over similar systems. Lightweight system features small, space-saving footprint.

Line feed model is fed from a pressurized feed line or a gravity feed storage tank and has up to 1.5L per minute flow rate. Both models produce Type I water with total organic carbon content less than 10 ppb.

UV line feed model features dual wavelength ultraviolet light 185 and 254nm to provide water purity of below 3 ppb TOC and up to 18.3 megohm-cm. 0.2 micron filter removes particles and bacteria at outlet.

UF line feed model uses a 10K mol wt. ultrafilter to provide less than 0.005EU/ml pyrogen levels and greater than 4 log reduction of pyrogens.

All models have cabinet with metal back and molded plastic front and can be either bench or wall mounted.

Size: 121/4Wx183/4Dx181/8H. Batch feed model uses two cartridges; line feed, UV line feed and UF line feed models require three cartridges.

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