

Thermo Scientific™ Barnstead™ Smart2Pure™ Water Purification Systems

Stop replacing all filters at once

- RO membrane with pretreatment cartridge is separate from the DI cartridge, ensuring you only replace each cartridge as needed
- Display can be tilted for optimal reading
- Variable-flow control knob for dispensing of Type I water
- Quick-change cartridge design simplifies self maintenance, even in mid-operation

Barnstead Smart2Pure systems deliver up to 72 L/day of Type I ultrapure water or Type II pure water from a tap feed water supply.

Systems with UV option offer UV oxidation (185/254 nm) for reducing the content of microorganisms and their metabolites.

Specifications

Max dispensing flow rate: 1 L/min

Operating pressure: 29 psi (2 bar) min; 87 psi (6 bar) max

Power: 90 to 240 VAC, 50/60 Hz

Inlet connection: 1/4" OD

Dimensions (W x H x D):
12" x 21 1/2" x 15 3/4"
(30.5 x 54.5 x 40 cm)

Feed water requirements

Source: potable water according to DIN 2000

pH range: 4 to 11

Temperature: 35.6 to 95°F (2 to 35°C)

Pressure: 1.4 to 87 psi (0.1 to 6 bar)



Tap to Type I

Type I water				Type II water		3 L/hr production†		6 L/hr production†	
Applications	Resistivity at 25°C	Conductivity	TOC	Resistivity at 25°C	Conductivity	Catalog number	Price	Catalog number	Price
Smart2Pure systems									
AA, IC, ICP, standard buffers	18.2 MΩ-cm	0.055 μS/cm	5 to 10 ppb	15 to 10 MΩ-cm	0.067 to 0.1 μS/cm	GH-99259-01		GH-99259-11	
Smart2Pure UV systems with UV lamp									
Inorganic and organic trace analysis, HPLC, ICP-MS, IC, TOC analysis	18.2 MΩ-cm	0.055 μS/cm	1 to 5 ppb	15 to 10 MΩ-cm	0.067 to 0.1 μS/cm	GH-99259-02		GH-99259-12	

†3 and 6 L/hr models include internal 6-L tank with vent filter.

[GH-99299-41](#) Pretreatment filter (required)

Thermo Scientific™ Barnstead™ E-Pure™ Three- and Four-Holder Water Purification Systems

Know your water purity instantly

- Digital resistivity meter (included) indicates water purity
- Produce ASTM Type I water
- Recirculation pump ensures water purity

E-Pure systems meet or exceed ASTM and CISI-CLRW requirements for bacteria-free, Type I reagent-grade water. Inert wetted parts prevent contamination of purified water. A built-in, whisper-quiet recirculation pump with pressure regulator ensures Type I reagent grade water on demand.

Choose from wall mountable three- or four-holder purification systems. Order disposable cartridges (required) on page 2439. Upgrade your system by adding an optional Remote Dispenser™.



99252-10

Max flow rate	Inlet pressure		Inlet water temperature	Inlet connections	No. of holders	Dimensions (W x H x D)	Power (VAC, Hz)	Catalog number	Price
	Max	Min							
2 L/min	100 psi (6.9 bar)	5 psi (0.3 bar)	40 to 120°F (4 to 49°C)	1/4" NPT(F)	3	29" x 28" x 7 1/2" (73.6 x 71.1 x 19 cm)	120, 60	GH-99252-00	
							240, 50/60	GH-99252-05	
					4	35" x 28" x 7 1/2" (88.9 x 71.1 x 19 cm)	120, 60	GH-99252-10	
							240, 50/60	GH-99252-15	

[GH-99254-02](#) Remote Dispenser with filter

[GH-99261-60](#) Final filter, 0.2 μm, for 99254-02

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