



## Thermo Scientific Barnstead Mega-Pure Plus Glass Stills

Single and double distillation options

# Pure Water Purification Systems

Thermo Scientific™ Barnstead™ Mega-Pure Plus Glass Stills effectively remove inorganic solids, organics with boiling points higher than water, bacteria particulates, and pyrogens. The stills are constructed of non-leaching components to ensure high purity water.

## Applications include:

- Buffer/Reagent Prep
- Glassware Washing
- Dishwasher Feed

**Barnstead Mega-Pure Plus  
Glass Stills**



# Barnstead Mega-Pure Plus Features:

## Product Features:

- Patented vapor trap eliminates carry-over of contaminants in the vapor-borne water droplets
- Totally enclosed still assures your safety from breakage or hot surfaces
- Fully automatic microprocessor controls simplify operation and cleaning, while assuring high reliability
- 24-hour automatic control activates still as required to maintain a full reservoir
- Frequency of cleaning is reduced with automatic drain cycle in tap feed models
- Thermistor and heat sensor offer double protection against low water conditions
- Designed with capabilities for tap or pretreated feedwater
- Automatic start/stop feature when connected to Barnstead Mega-Pure Plus tank or using float switch provided
- Glass components eliminate the leaching of impurities
- Space-saving design; wall- or bench-mounted

## Bi-Distiller

- Double distillation process increases water purity as compared to single distilled

## Pretreatment Kit

- Barnstead Mega-Pure Plus deionizer is a simple pretreatment system for Barnstead Mega-Pure Plus III Glass Stills
- Pretreated water increases purity and decreases cleaning frequency
- Utilizes disposable cartridges for removal of organics and inorganics
- Visual “Go/No Go” indicator alerts operator when cartridge replacement is necessary



Barnstead Mega-Pure Cartridge

## Quick look comparison

	Mono-distillers			Double distiller
	Barnstead Mega-Pure Plus Glass Still 2S	Barnstead Mega-Pure Plus III Glass Still 4L	Barnstead Mega-Pure Plus III Glass Still 8 L	Barnstead Mega-Pure Plus Glass Still Bi-Distiller
Water capacity, LPH	1.4-2	4	8	4
Cooling water requirement, LPH	30	60	120	120
Number of heaters	2	2	4	4
Resistivity at 25°C, MΩ-cm*	1-10	1-10	1-10	1-10

\* Resistivity is dependent on feed water quality

# Barnstead Mega-Pure Plus Storage Reservoirs

## 30 L Capacity

- Allows for 24-hour automatic operation
- Vent filter prevents airborne contamination
- Built-in overflow tubing directs water to drain in case of overflow
- Contains special ports to feed deionization systems
- Contains a sight tube for easy observation of water level
- Easy-to-clean storage tank
- Bench or wall mounting options for flexibility

**Barnstead Mega-Pure Plus  
Storage Reservoir**



## Product specifications

Max pressure psig (kg/cm <sup>2</sup> )	Min pressure psig (kg/cm <sup>2</sup> )	Auto start/stop controls*	Auto drain	Low water cut-off
80 (5.6)	10 (0.7)	Yes	Yes	Yes

\* When connected to Barnstead Mega-Pure Plus tank or using level monitor provided

### Barnstead Mega-Pure Plus Glass Stills specifications and ordering information

Product	Volume output, LPH	Electrical		Size or quantity W x H x D in (cm)	Cat. No.
		Volts	Amps		
<b>System options</b>					
Barnstead Mega-Pure Plus Glass Still 2S	1.4-2	220 V	13 (50/60 Hz)	10.5 x 35.4 x 13.8 (26.6 x 90 x 35)	A74410
		240 V	13 (50/60 Hz)	10.5 x 35.4 x 13.8 (26.6 x 90 x 35)	A94410
Barnstead Mega-Pure Plus III Glass Still 4L	4	240 V	13 (50/60 Hz)	12 x 29.5 x 15 (30.5 x 74.9 x 38.1)	A56218-857
		220 V	13 (50/60 Hz)	12 x 29.5 x 15 (30.5 x 74.9 x 38.1)	A56210-857
Barnstead Mega-Pure Plus III Glass Still 8 L	8	240 V	30 (50/60 Hz)	19 x 29.5 x 15 (48.5 x 74.9 x 38.1)	A56228-857
		220 V	30 (50/60 Hz)	19 x 29.5 x 15 (48.5 x 74.9 x 38.1)	A56220-857
Barnstead Mega-Pure Plus Glass Still Bi-Distiller	4	240 V	30 (50/60 Hz)	25.9 x 34.6 x 20.1 (66 x 88 x 51)	A56230-857
		220 V	30 (50/60 Hz)	25.9 x 34.6 x 20.1 (66 x 88 x 51)	A56238-857
<b>Required accessories</b>					
<b>Storage Reservoir</b> Choose the reservoir that is compatible with your system	<b>30 L Reservoir</b> Barnstead Mega-Pure Plus Reservoir Tank, matching collection system. Compatible with A74410, A94410		20 x 34 x 17 (50x87x44)	A2052	
	<b>30 L Reservoir</b> Barnstead Mega-Pure Plus Reservoir Tank, matching collection system. Compatible with A56218-857, A56210-857, A56228-857, A56220-857, A56230-857, A56238-857		20 x 34 x 17 (50x87x44)	A2058	
<b>Optional accessories</b>					
<b>Pretreatment Kit</b> Includes D1832 (QTY 2)				11 x 23.5 x 8.25 (27.9 x 59.7 x 21)	A66285
<b>Wall Mounting Kit</b> Includes pressure hose, fittings and flow valve					D2832
<b>Mega-Pure Plus Deioniser Pretreatment Cartridge (Disposable)</b>					D1832



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