



**Thermo Scientific**  
Barnstead Water Purification Systems



# Overview guide

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SCIENTIFIC

# Smart H<sub>2</sub>O

for you and your science

Pure water is elemental to the success of your experiments. But finding the right water system for your research goes deeper than water quality alone. You need a smart choice that supports both your science and your budget – not only on day 1, but with every cartridge and filter change. One that reflects 130 years of innovations, like feed water monitoring, hands-free dispensing and effortless cartridge change-outs. With a Thermo Scientific™ Barnstead™ lab water system, the only thing you'll have in your water is confidence.

## INNOVATION

- Ergonomic designs improve control and put advanced features at your fingertips
- Feed water monitoring protects against crucial fluctuations that compromise purity
- UV intensity monitoring reduces the risk of false TOC readings



## FLEXIBILITY

- Choose from compact systems with numerous mounting options and flexible dispensing features
- Customize equipment to your preferred settings with tilting control panels and a selection of stand-alone models on wheels
- Mix and match systems to achieve specific water purity and volumes as required by your unique application and water source






## CONVENIENCE

- Order with one part number and receive a complete system
- Quick-change cartridge designs offer easy maintenance
- Our experts can select the right system for you with the Thermo Scientific™ H<sub>2</sub>O Select™ analysis program



## Cartridge and Filter Systems

Exceptional value and versatility

Up to 4 L/min	Up to 1 L/min	< 0.5 L/min
		
<b>Barnstead B-Pure Cartridge System</b> <ul style="list-style-type: none"><li>• Single, half-size or double holders</li><li>• Purity meters available</li><li>• Quick-release canisters</li></ul>	<b>Barnstead Hose Nipple Cartridge System</b> <ul style="list-style-type: none"><li>• Color change when cartridge is exhausted</li><li>• Simple to use and maintain</li><li>• Easily customized</li></ul>	<b>Bantam Deionizer Cartridge System</b> <ul style="list-style-type: none"><li>• Purity meter included</li><li>• Flexible mounting options</li></ul>
<b>Pressurized Tap</b>	<b>Non-Pressurized Tap</b>	

### OUR WATER EXPERTS MAKE SELECTING THE RIGHT SYSTEM EASY!

Request a complimentary H<sub>2</sub>O Select analysis kit and let our experts recommend the ideal water system for your application, based on your feed water quality, laboratory applications, volume requirements and budget. Visit [thermoscientific.com/select](http://thermoscientific.com/select)



# Type 1 Ultrapure (18.2 megohm)

Flexible array of easy-to-use systems designed to provide the Type 1 water you need

Up to 200 L/day

Up to 15 L/day

Up to 300 L/day

Up to 200 L/day

Up to 70 L/day



### Barnstead GenPure xCAD Plus

- Remote dispenser provides full system control and outstanding flexibility
- TOC with UV intensity and feed water monitoring
- Volumetric dispensing
- Flexible mounting options
- Can add up to two more dispensers to system



### Barnstead GenPure Pro

- Flexible dispensing
- TOC with UV intensity and feed water monitoring
- Volumetric dispensing



### Barnstead GenPure

- Variable flow dispensing
- TOC with UV intensity and feed water monitoring
- Flexible mounting options



### Barnstead MicroPure

- Compact system
- Feed water monitoring
- Variable flow dispensing



### Barnstead E-Pure

- Simple design
- Easy maintenance



### Barnstead LabTower EDI

- Stand-alone system
- Utilizes EDI technology
- Integrated 100 L tank with recirculation to optimize purity
- Bottom-mounted rollers
- Produces both Type 1 and 2 water



### Barnstead Smart2Pure

- Compact system
- Optional remote dispenser
- Integrated 6 L tank for 3 and 6 L/hr models; 30 or 60 L tank options for 12 L/hr model
- Produces both Type 1 and 2 water

Pretreated To Type 1

Tap To Type 1

# Type 2 Pure

A variety of solutions for your tap to Type 2 water needs

Up to 40 L/hr

Up to 13 L/hr

Up to 38 L/hr

Up to 40 L/hr



### Barnstead Pacific TII

- Flexible mounting options
- Available with 30, 60, or 100 L tank
- Optional UV lamp
- Tank water recirculates to maintain purity
- Optional remote dispenser



### Barnstead LabTower TII

- Stand-alone system
- Integrated 100 L tank
- Optional UV lamp
- Bottom-mounted rollers
- Tank level is user set
- Optional remote dispenser



### Barnstead Mega-Pure Still

- All-glass still
- High temp cut-off standard
- Optional Automatic Control of System (ACS)



### Barnstead Classic Still

- Tin-lined still
- Double-walled boiler
- Q-baffle removes pyrogens
- Includes low water cut-off
- Optional steam model



### Barnstead Pacific RO

- Flexible mounting options
- Available with 30, 60, or 100 L tank
- Optional remote dispenser



### Barnstead LabTower RO

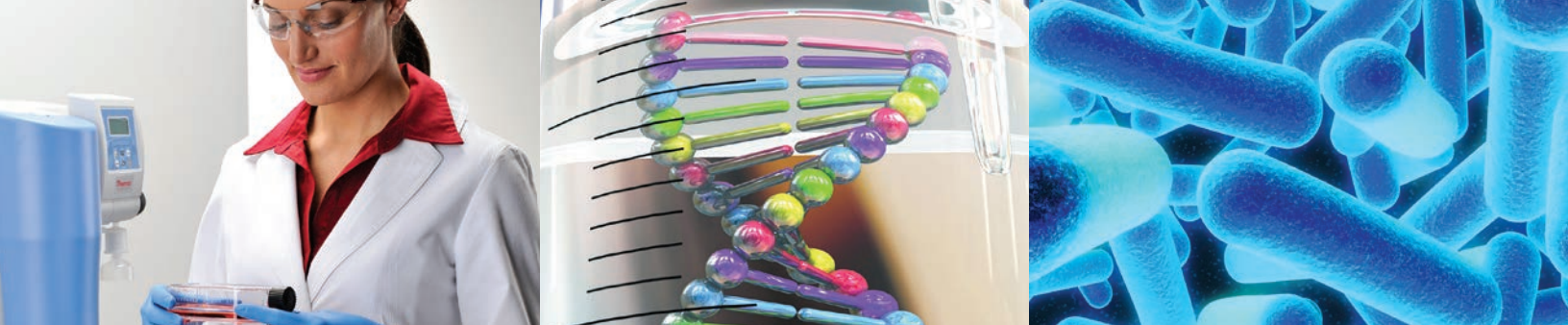
- Stand-alone system
- Integrated 100 L tank
- Bottom-mounted rollers
- Optional remote dispenser

Tap To Type 2

Tap To RO

# Reverse Osmosis

Economical and effective RO solutions



# Choose a water type

to match any application

	Type 1 Ultrapure	Type 2 Pure	Reverse Osmosis	Cartridge and Filter Systems
<b>ANALYTICAL CHEMISTRY</b>				
Organic and inorganic trace analysis	•			
Chromatography (ie. HPLC, UPLC, LC-MS, IC, GC)	•			
Inductively Coupled Plasma Spectroscopy (ICP)	•			
Mass Spectroscopy (MS)	•			
Atomic Absorption (AA)	•			
Total Organic Carbon (TOC)	•			
<b>LIFE SCIENCES</b>				
Genomics (ie. PCR, DNA, IVF)	•			
Proteomics (ie. crystallography, electrophoresis)	•			
Immunology (ie. monoclonal antibody production, blots)	•			
Pharmacology	•			
Cell and tissue culture media	•			
Drug discovery	•			
Molecular biology and microbiology	•			
<b>ROUTINE LAB WORK</b>				
Media prep		•		
Buffer prep		•		
Chemical and biochemical reagent prep		•		
Feeding Type 1 systems		•		
Feeding general lab equipment		•	•	•
Humidification		•	•	•
Glassware washing/rinsing		•	•	•

## Call today

to discuss your unique water purification requirements with a member of our lab water team.

[thermoscientific.com/purewater](http://thermoscientific.com/purewater)

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