



Thermo Scientific
Barnstead Water Purification Systems
Overview Guide

Pure Water

Made Easy

Innovation, Flexibility and Convenience

Thermo
SCIENTIFIC

Consistently Pure Water

For more than 130 years, Thermo Scientific Barnstead pure water systems have been a trusted resource for science and industry. We offer pure water solutions to meet critical and everyday applications.

INNOVATION

- Ergonomic designs improve control and put advanced features at your fingertips
- Feed water monitoring protects against crucial fluctuations that compromise purity
- Attain greater accuracy with TOC measurements enhanced by UV intensity technology



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 FREE H₂O Select Analysis Kit program



Thermo Scientific Barnstead Water

Overview Guide

Type 1 Ultrapure (18.2 megohm)

Up to 200 L/day	Up to 15 L/day	Up to 300 L/day		
 <p>Thermo Scientific Barnstead GenPure xCAD</p> <ul style="list-style-type: none">• Remote dispenser provides full system control and ultimate flexibility• TOC with UV intensity and feed water monitoring• Volumetric dispensing• Flexible mounting options	 <p>Thermo Scientific Barnstead GenPure Pro</p> <ul style="list-style-type: none">• Flexible dispensing• TOC with UV intensity and feed water monitoring• Volumetric dispensing <p>COMING SOON!</p>	 <p>Thermo Scientific Barnstead GenPure</p> <ul style="list-style-type: none">• Variable flow dispensing• TOC with UV intensity and feed water monitoring• Flexible mounting options	 <p>Thermo Scientific Barnstead MicroPure</p> <ul style="list-style-type: none">• Compact system• Feed water monitoring• Variable flow dispensing	 <p>Thermo Scientific Barnstead E-Pure</p> <ul style="list-style-type: none">• Simple design• Easy maintenance

Pretreated To Type 1

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

Water Purification Systems

Type 2 Pure

Up to 200 L/day

Up to 70 L/day



Thermo Scientific 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



Thermo Scientific Barnstead Smart2Pure

- Compact system
- Flexible mounting options
- 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

Up to 40 L/hr



Thermo Scientific Barnstead Pacific TII

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



Thermo Scientific Barnstead LabTower TII

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

Up to 13 L/hr



Thermo Scientific Barnstead Mega-Pure Still

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

Up to 38 L/hr



Thermo Scientific Barnstead Classic Still

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

Tap To Type 1

Tap To Type 2

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



OUR WATER EXPERTS MAKE SELECTING THE RIGHT SYSTEM EASY!

Ask for a FREE H₂O Select Analysis Kit and we can recommend the best water system for your application based on your feed water quality, laboratory applications, volume requirements and budget.

Reverse Osmosis

Cartridge and Filter Systems

Up to 40 L/hr



Thermo Scientific Barnstead Pacific RO

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

Thermo Scientific Barnstead LabTower RO

- Stand-alone system
- Integrated 100 L tank
- Bottom-mounted rollers

Tap To RO

Economical and effective RO solutions

Up to 4 L/min



Thermo Scientific Barnstead B-Pure Cartridge System

- Single, half-size, or double holders
- Purity meters available
- Quick-release canisters

Pressurized Tap

Up to 1 L/min



Thermo Scientific Barnstead Hose Nipple Cartridge System

- Color change when cartridge is exhausted
- Simple to use and maintain
- Easily customized

Non-Pressurized Tap

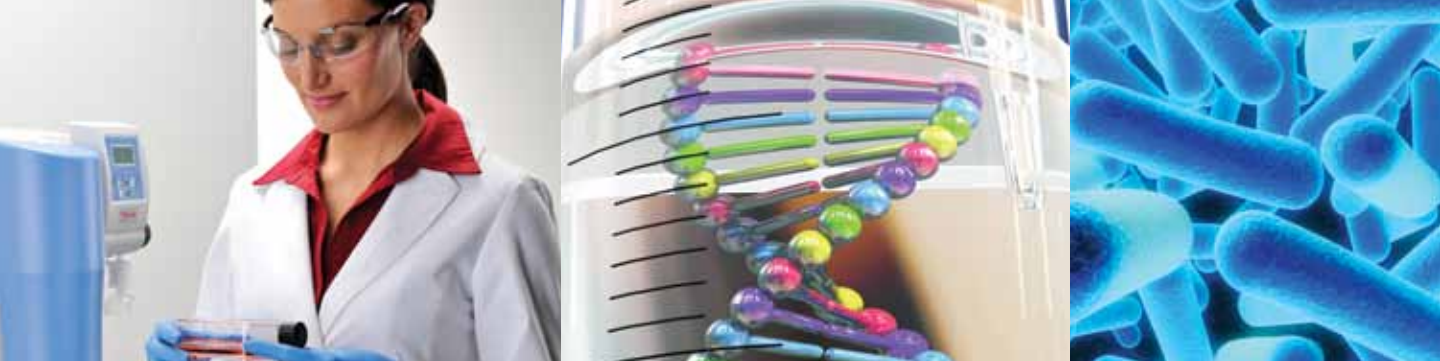
Exceptional value and versatility

< 0.5 L/min



Thermo Scientific Bantam Deionizer Cartridge System

- Purity meter included
- Flexible mounting options



Choose a Water Type

to match any application

	Type 1 Ultrapure	Type 2 Pure	Reverse Osmosis	Cartridge and Filter Systems
ANALYTICAL CHEMISTRY				
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)	•			
LIFE SCIENCES				
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	•			
ROUTINE LAB WORK				
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 pure water team!

www.thermoscientific.com/purewater

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North America: USA/Canada +1 866 984 3766 (866-9-THERMO)

Europe: Austria +43 1 801 40 0, Belgium +32 53 73 42 41, 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 6865 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

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