



Thermo Scientific
Barnstead Water Purification Systems



Overview guide

Thermo
SCIENTIFIC

exceptional lab water systems

without the attitude

H₂O. It's such a simple compound. So why settle for a complicated lab water system? Thermo Scientific™ Barnstead™ water purification systems **deliver pure and ultrapure water – with ease.** With flexible systems designed precisely for your applications, and multiple water types from a single solution. Plus simple, efficient operation without the need for maintenance plans, and innovations like UV intensity monitoring to help ensure accurate total organic carbon (TOC) readings. It's no surprise that the smart choice in cost-effective lab water systems is the familiar name you already trust.

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™ H₂O Select™ analysis program

Thermo Scientific Barnstead Water Purification Systems

Type 1 Ultrapure (18.2 megohm)

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



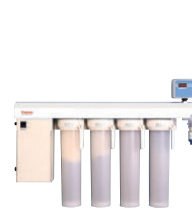
Barnstead GenPure

- 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

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

Type 2 Pure

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

Up to 13 L/hr



Barnstead Mega-Pure Still

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

Up to 38 L/hr



Barnstead Classic Still

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

Tap To Type 2

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

Reverse Osmosis

Up to 40 L/hr



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 RO

Economical and effective RO solutions



OUR WATER EXPERTS MAKE SELECTING THE RIGHT SYSTEM EASY!

Request a complimentary H₂O 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

Cartridge and Filter Systems

Up to 4 L/min

Up to 1 L/min

< 0.5 L/min



Barnstead B-Pure Cartridge System

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



Barnstead Hose Nipple Cartridge System

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



Bantam Deionizer Cartridge System

- Purity meter included
- Flexible mounting options

Pressurized Tap

Non-Pressurized Tap

Exceptional value and versatility

lab water experts

For more than 130 years, Thermo Scientific lab water systems have been a trusted resource for science and industry.



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 lab water team.

thermoscientific.com/purewater

© 2013 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.

Australia +61 39757 4300
Austria +43 1 801 40 0
Belgium +32 53 73 42 41
China +800 810 5118 or
 +400 650 5118
France +33 2 2803 2180
Germany national toll free 0800 1 536 376
Germany international +49 6184 90 6000

India toll free 1800 22 8374
India +91 22 6716 2200
Italy +32 02 95059 552
Japan +81 3 5826 1616
Netherlands +31 76 579 55 55
New Zealand +64 9 980 6700
Nordic/Baltic/CIS countries
 +358 9 329 10200

Russia +7 812 703 42 15
Spain/Portugal +34 93 223 09 18
Switzerland +41 44 454 12 22
UK/Ireland +44 870 609 9203
USA/Canada +1 866 984 3766

Other Asian countries +852 2885 4613
Countries not listed +49 6184 90 6000

Thermo
 S C I E N T I F I C

Part of Thermo Fisher Scientific