PRODUCT CATALOG

TYPE I ULTRAPURE WATER PURIFICATION SYSTEM
BFN-11201

ISO9001 CERTIFIED

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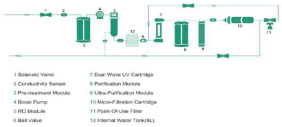
ULTRAPURE WATER PURIFICATION SYSTEM

Many laboratories require ultrapure water every day - for HPLC or for other instrumental analyses - but only as small volumes at a time, up to a total of a few liters at the most.
However, this is no reason to do without professional, freshly-prepared ultrapure water and buy expensive HPLC water. After all, with the repeated taking of small volumes from an HPLC water container, the quality of the water and the TOC-value no longer fulfill the specifications. The ultrapure water is no longer ultrapure!
Always fresh. Always available in the volume required. Always with the required quality. And always for only a few cents per liter.

SPECIFICATIONS

Model	BFN-11201
Production Rate	30L/hr
Water Quality	Type I, Type III
Feed Water	Tap Water
Tank Capacity	
Feed Water Requirement :	
Source	Tap water
Conductivity	<2000 μS/cm
Hardness	<450 ppm as $CaCO_3$
Pressure	0.05-0.5 MPa (7-72 psi)
Temperature	5-40°C
Purification Water (Class III) :	
Ionic Rejection	>95%
Bacteria Rejection	>99%
Conductivity (Class III)	1-20 μS/cm (RO-2: 5 μS/cm)
Productivity Rate	30 L/h
Ultrapurification Water (Class I) :	
Resistivity at 25°C	18.2 MΩ·cm
Conductivity at 25°C	0.055 μS/cm
TOC Level	1-5 ppb
Endotoxin (Pyrogens)	N/A
Particulate (≥0.02 μm)	<1 pc/ml
Bacteria	<0.1 cfu/ml
RNase / DNase	N/A
Manual Dispense Flow Rate	1.2-1.5 L/min
Automatic Dispense Volume	100-60000 ml
Electrical Requirements :	
Electrical Voltage	110 V/220 V ±10%
Electrical Frequency	50/60 Hz
Packing Information :	
Net Weight :	

Main Unit	32 kg
Water Tank	N/A
External Dimensions (W x D x H) Main Unit	315 x 525 x 570 mm
External Dimensions (W x D x H) Water Tank	N/A
Shipping Weight Main Unit	45 kg
Shipping Weight Water Tank	N/A
Shipping Dimensions (W x D x H) Main Unit	525 x 610 x 770 mm
Shipping Dimensions (W x D x H) Water Tank	N/A
Notes	* If feed water quality is poor (Conductivity >1000 μS/cm), strengthened pretreatment module and RO-2 type is highly recommended.** When hardness of feed water is high (>450 ppm as CaCO3), 0.5T water softener is recommended.*** A dual wave UV module needs to be adopted. Also dependent on feed water, recommended feed TOC.
Alt Name	Ultrapure Water Purification System



Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com