

## PURELAB® Classic Water Polishing Systems

Cost-efficient alternative for ASTM Type I purity water for general analytical and biological applications. The PURELAB® Classic System offers reliability, and uncompromising water quality.

### Standard Features and Benefits

- 18.2 Megohm purity water up to 1.5 lpm
- Easy front loading cartridges
- Complete sanitization of all wetted parts
- Unique CID Technology provide full traceability and history of purification cartridge packs for validation
- Dual wavelength UV — 185 nm and 254 nm (PURELAB Classic UV Model)
- 5000 Dalton UF Module for pyrogen removal (PURELAB Classic UF Model)
- Wall or bench mountable
- Applications include HPLC, ICP, ICP/MS, GC, IC, AA, cell culture and molecular biology



### PURELAB® CLASSIC SYSTEMS

#### System Specifications

MODEL	Resistivity	Flow Rate† (lpm)	TOC* (ppb)	Endotoxins** EU/ml	Bacteria** CFU/ml
PURELAB Classic DI	18.2	1.5	<3-10	NA	<1
PURELAB Classic UV	18.2	1.5	<1-3	NA	<1
PURELAB Classic UF	18.2	1.5	<3-10	<.001	<1
PURELAB Classic UV/UF	18.2	1.2	<1-3	<.001	<1

\* Depends on feed water conditions.

\*\* Based on regular sanitization and proper maintenance of the system.

† Based on 1 bar feed pressure.

#### System Dimensions

MODEL	HxWxD (in)	Weight (lbs)	Inlet Connections	Power Requirements
PURELAB Classic DI	19x16x14	32	8mm (5/16") OD-Quick Connect	110–240 V 50/60 Hz
PURELAB Classic UV	19x16x14	33	8mm (5/16") OD-Quick Connect	110–240 V 50/60 Hz
PURELAB Classic UF	19x16x14	32	8mm (5/16") OD-Quick Connect	110–240 V 50/60 Hz
PURELAB Classic UV/UF	19x16x14	33	8mm (5/16") OD-Quick Connect	110–240 V 50/60 Hz

#### Feed Water Parameters

MODEL	Operating Temperature	Inlet Pressure	Free Chlorine (ppm)
PURELAB Classic DI	1–40° C	1–10 psig	<0.05
PURELAB Classic UV	1–40° C	1–10 psig	<0.05
PURELAB Classic UF	1–40° C	1–10 psig	<0.05
PURELAB Classic UV/UF	1–40° C	1–10 psig	<0.05



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### Consumables

Chlorine Sanitization Tablets	CT1
Labpure S5 DI Cartridge	LC186
UF Membrane	LC169
UV Lamp 185/254 nm	LC170
0.2 µm Final Filter	LC134

### Accessories

Integral Dispense Gun	LA644
Remote Dispense Station	LA645
Printer Kit	LA618
Sanitization by-pass block	LA698
Pressure Regulator Valve (Feed Water Pressures >4 bar (60 psi))	LA575
Pressure Regulator Valve (Feed Water Pressures >0.7 bar (10 psi))	LA652
Pressure Regulator <60 psi	SDIRG261
Wall Mount Kit	LA622USA
Remote Dispense Station with Dispense Gun	LA643
Open Ring Main Kit	LA646
Closed Ring Main Kit	LA647
Installation Kit	LA642
Composite Vent Filter	LC136M2

### PURELAB® CLASSIC SYSTEM ORDERING INFORMATION

MODEL	Catalog Number
PURELAB Classic DI	CLXXXDIM2
PURELAB Classic UV	CLXXXUVM2
PURELAB Classic UF	CLXXXUFM2
PURELAB Classic UV/UF	CLXXUVFM2

Purification Cartridges must be ordered separately.  
UF cartridge and UV lamp supplied.

