

## MEDICA® Pro 30/60/120 Water Systems (S/R/RE) for Clinical Analyzers

The MEDICA® Pro line of water purification systems is available in four models to meet CLSI Type I water standards for clinical analyzers. The system incorporates an integral 50 liter storage reservoir, RO, DI purification, UV photo-oxidation and ultra-microfiltration technologies.

### Standard Features and Benefits

- Xport USB device for easy download of system performance data to comply with GLP guidelines
- Unique space saving design
- Upgradable for higher flowrates
- High capacity Protek deionization cartridges
- Special E-cartridge to reduce CO<sub>2</sub> and prolong the life of the DI packs
- Leak detection with auto shut down - minimizing the risk of flooding
- Emergency by-pass loop provides an uninterrupted supply of pure water in an emergency



### MEDICA® PRO S/R/RE SYSTEM SPECIFICATIONS

#### Performance Specifications

MODEL	Inorganics MΩ-cm @ 25° C (77° F)	TOC (ppb)	Silica ppm	Bacteria* CFU/ml	Particulates µm	pH	Dispense Flows to analyzer	Make-up Flow Rate
MEDICA® Pro S/R/RE	>10	<30	<0.05	<1	<0.05 µm	Neutral	4 l/min	30/60/120 liters per hour at 15°C

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

#### System Dimensions

MODEL	HxWxD (in)	Weight (lbs)
MEDICA® Pro S/R/RE	32.3x31.1x18.9	MEDICA Pro-S-260.0 MEDICA Pro-R/RE -265.0

#### Feed Water Parameters

MODEL	Source	Maximum FI*	Conductivity µS/cm	Max. Free Chlorine (ppm)	Temperature	Pressure
MEDICA® Pro S/R/RE	Potable	10	1400	<0.5	1-35° C	90 max/10 min.

\* Fouling Index



## MEDICA® Pro 30/60/120 Water Systems (S/R/RE) for Clinical Analyzers

### MEDICA® PRO SYSTEMS ORDERING INFORMATION

MODEL	Catalog Number
MEDICA Pro LPS	MPXXXPSM1-115
MEDICA Pro S 30	MP030SBM1-115
MEDICA Pro S 60	MP060SBM1-115
MEDICA Pro S 120	MP120SBM1-115
MEDICA Pro R 30	MP030RBM1-115
MEDICA Pro R 60	MP060RBM1-115
MEDICA Pro R 120	MP120RBM1-115
MEDICA Pro RE 30	MP030REM1-115
MEDICA Pro RE 60	MP060REM1-115
MEDICA Pro RE 120	MP120REM1-115

### The MEDICA® Pro line of systems

Model	Medica Pro-S	Medica Pro-R	Medica Pro-RE	Medica Pro LPS
Pretreatment	√	√	√	
Extra Capacity Pretreatment	Optional	Optional	Optional	
Air Gap	√	√	√	√
Degassing	Optional	Optional	√	Optional
Reverse Osmosis	√	√	√	
Integral 50 Liter Reservoir	√	√	√	√
Deionization	√	√	√	√
2nd Deionization Cartridge	Optional	Optional	Optional	Optional
UV Photo-oxidation	√	√	√	√
Ultra-microfiltration	√	√	√	√
Recirculation			√	√

### Consumables and Accessories

UV lamp 254nm (destroy bacteria and help to reduce TOC levels)	LC105
Ultra Microfilter 0.05 um	LC109
Medpure L1 DI (Deionization) high capacity cartridge	LC174
Protek L1 (high capacity adsorption pretreatment cartridge - standard size)	LC175
Protek L2 (high capacity adsorption pretreatment cartridge - Large size)	LC177
RO (reverse osmosis) cartridge 30 lph High flux reverse osmosis membrane	LC179
RO cartridge 60 liter per hour High flux 30 liter per hour reverse osmosis membrane	LC180
E-cartridge (Reduce CO <sub>2</sub> levels to extend Medpure DI cartridge)	LC181
Sanitization tablets (12 pk)	CT3
Composite vent filter (maintain bacterial integrity of reservoir)	LC136M2
MEDICA Pro - Starter Kit 1 (install kit, Protek L1, Medpure L1, 3 sanitization tablets)	LC188
MEDICA Pro - Starter Kit 2 (install kit, Protek L2, Medpure L1, 3 sanitization tablets)	LC189
Analyzer Feed pump 115V 60Hz	LA632
High Flow Upgrade Kit for 2nd Medpure DI cartridge (includes fittings and 1 Medpure DI cartridge)	LA700
E-cartridge Upgrade Kit	LA701
Castors (useful for under bench installations also)	LA704 USA

Note: Cartridge starter kit must be ordered with MEDICA Systems.

