

## MEDICA® 7/15 Water Systems (Models S/R/D) for Clinical Analyzers

Compact system utilizing pretreatment, RO, deionization, UV photo oxidation and in-line microfiltration technologies to produce CLSI (Clinical Laboratory Standards Institute) Type I water to feed chemistry and immuno-diagnostic analyzers. Available in recirculating model - MEDICA® R, degassing model - MEDICA® D or standard MEDICA® Systems.

### Standard Features and Benefits

- 1 to 15 Megohm purity water
- Flow rates from 7 lph to 15 lph
- Easy front loading cartridges
- Microprocessor controlled system management with continuous water quality monitoring through unique LCD display
- Adjustable audio-visual alarms and cartridge change indicator
- RS232 port for water quality data collection for compliance with GLP
- Models available with a degassing feature (MEDICA® D 7/15)
- Recirculating models available to ensure consistent purity
- System includes all cartridges



### MEDICA® S/R/D 7/15 SYSTEM SPECIFICATIONS

#### Performance Specifications

MODEL	Resistivity MΩ-cm @ 25° C	Flow Rate LPH @ 15° C	TOC (ppb)	Bacteria* CFU/ml	pH	Particulates
MEDICA S 7/15	1–15	7/15	<30	<1	Neutral	<0.2 μm
MEDICA R 7/15	1–15	7/15	<30	<1	Neutral	<0.2 μm
MEDICA D 7/15	1–15	7/15	<30	<1	Neutral	<0.2 μm

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

#### System Dimensions

MODEL	HxWxD (in)	Weight (lbs)	Power Requirements
MEDICA S 7/15	18.2x21.6x10.6	MEDICA 7–40.8 MEDICA 15–41.9	100–240 V 50-60 Hz
MEDICA R 7/15	18.2x21.6x10.6	MEDICA 7–40.8 MEDICA 15–41.9	100–240 V 50-60 Hz
MEDICA D 7/15	18.2x21.6x10.6	MEDICA 7–40.8 MEDICA 15–41.9	100–240 V 50-60 Hz

#### Feed Water Parameters

MODEL	Source	Maximum FI*	Conductivity μS/cm	Max. Free Chlorine (ppm)	Temperature	Pressure w/out booster pump (psi)	Pressure w/booster pump (psi)
MEDICA S 7/15	Potable	10	1400	<0.5	1–35° C	90 max/60 min.	30 max/flooded suction
MEDICA R 7/15	Potable	10	1400	<0.5	1–35° C	90 max/60 min.	30 max/flooded suction
MEDICA D 7/15	Potable	10	1400	<0.5	1–35° C	90 max/60 min.	30 max/flooded suction

\* Fouling Index

Application	MEDICA 7	MEDICA 15
Feed Water for Clinical Analyzers	●	●



## MEDICA® Water Systems for Clinical Analyzers

### MEDICA® S/R/D 7/15 SYSTEMS ORDERING INFORMATION

MODEL	Catalog Number
MEDICA S 7	ME007XXM1
MEDICA S 7 w/booster pump	ME007BPM1 (for feed waters of less than 60 psi)
MEDICA D 7 w/booster pump	MD007BPM2
MEDICA D 7	MD007XXM1 w/DV-25
MEDICA D 7 w/booster pump	MD007BPM1 w/DV-25
MEDICA R 7	MR007XXM1
MEDICA R 7 w/booster pump	MR007BPM1
MEDICA S 15	ME015XXM1
MEDICA S 15 w/booster pump	ME015BPM1 (for feed waters of less than 60 psi)
MEDICA D 15	MD015XXM1 w/DV-25
MEDICA D 15 w/booster pump	MD015BPM1 w/DV-25
MEDICA D 15 w/booster pump	MD015BPM2
MEDICA R 15	MR015XXM1 (for feed waters of less than 60 psi)
MEDICA R 15 w/booster pump	MR015BPM1

### Consumables and Accessories

Pretreatment Cartridge	LC140
RO Module (7.5 lph)	LC143
Purification Cartridge	LC141
In-Line 0.2 µm Filter	LC125
UV Lamp	LC105
Wall Mounting Bracket	LA622USA
Chlorine Sanitization Tablets	CT1
Pressure Regulator Valve	LA512
Booster Pump Kit	LA609
Flow Upgrade Kit (7 to 15 lph)	LA606
RS232 Printer Kit	LA618
Remote Control Station	LA627 (7/15 units only)
Installation Kit (supplied)	LA513
MEDICA D Degas Membrane	MEMB37275

### Storage Reservoirs - One Required with System

25 Liter Reservoir	LA611
40 Liter Reservoir	LA612
75 Liter Reservoir	LA613
DV 25 Liter Docking Vessel	LA621
Composite Vent Filter	LC136M2
Wall Mounting Kit (25/40 Liter Reservoir)	LA591USA
Wall Mounting Kit (75 Liter Reservoir)	LA592USA
DV25 Mounting Bracket	LA591USA

All units include installation kit and full set of cartridges

Note: Some MEDICA D systems come with DV-25 Docking Vessel Reservoir. Please note above specifications.

