

# 90XL Dialysis Reference Meter

Accurate • Convenient • Reliable

The 90XL is a state-of-the-art, portable, multifunction meter designed to measure the conductivity, pH, temperature, and pressure of dialysate fluids from hemodialysis delivery systems, dialysate concentrates, as well as water from purification systems.

## Features & Benefits

- + The 90XL has a large, easy-to-read screen that displays data from up to four sensors simultaneously.
- + On-screen prompts provide detailed instructions for meter calibration.
- + The 90XL's unit of measure can be tailored to your individual preferences.
- + A help feature and on-screen prompts are always available to guide you through the calibration and configuration process.
- + Mesa Labs' reputation for quality and reliability is built into each 90XL.
- + Advanced, patent pending, measurement technology in the 90XL provides the highest performance in the industry.
- + An on-screen battery indicator monitors the battery life of the rechargeable lithium-ion battery.
- + The 90XL has the long-term stability required for the most demanding applications.
- + The lithium-ion battery provides longer battery life between charges.



Large, easy-to-read display!

## Convenience

- + Up to four sensors in any combination can be installed on the 90XL and viewed simultaneously on the large display.
- + The 90XL provides conductivity measurements at both high and low levels for use with dialysis delivery systems and water purification systems. One meter does it all.
- + The compact design of the 90XL makes it easy to handle and to transport.
- + Display module cover/holder protects the display from damage and allows the use of an IV pole holder.

### Physical Specifications

<b>Dimensions</b>	3.3" x 6" x 1.5"
<b>Weight</b>	9.9 ounces
<b>Power</b>	Battery
<b>Battery Type</b>	3.6 V Lithium-ion, rechargeable

	pH	Conductivity	Temperature	Pressure
Range	0 to 14 pH units	0 to 200.0 mS	10 to 90°C	-600 to +1600 mmHg
Resolution	0.01 pH units	0.1 µS from 0 - 80 µS 0.001 from 0 to 22.00 mS 0.01 from 22.00 to 80.00 mS 0.1 above 80.00 mS	0.01°C	0.1 mmHg
Accuracy	+/- 0.1 pH units	±0.35% of reading + 0.002mS from 0 to 1.99 mS ± 0.20% of reading + 0.002 from 2 to 29.99 mS ± 0.50% of reading above 30 mS	+/- .1°C	±1.0 mmHg from 0 to 199 mmHg gauge ± 1.5 mmHg from 200 to 300 mmHg gauge ± 0.5% of reading + 1 mmHg above 300 mmHg and below 0 mmHg
Temperature Compensation		10 to 90°C (optimized for 20 to 40°C)		

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