

HI983304

Conductivity Meters for Demineralized Water

- Automatic Temperature Compensation (ATC)
- Water-resistant
- Adjustable setpoint

The HI983304 is specifically designed for use in demineralized and deionized water, as these applications have low conductivity.

When placed at the output of any demineralization system, the visual alarm will be activated once the demineralizing equipment is exhausted. This exclusive feature will ensure maximum system efficiency with minimum investment.

The HI983304 has a built-in LCD display and measures from 0 to 19.99 $\mu\text{S}/\text{cm}$.

This meter is supplied with an HI7631/2 direct two-pin probe with 2 m (6.6') cable and a 1/2" thread for flow-thru mounting. This probe is also equipped with a temperature sensor to automatically compensate measurements against temperature changes from 5 to 50°C (41 to 122°F).

When operating in the measurement mode, the HI983304's red LED will alert the user as soon as the reading is 1 $\mu\text{S}/\text{cm}$ over the setpoint.



Specifications	HI983304
Range	0.00 to 19.99 $\mu\text{S}/\text{cm}$
Resolution	0.01 $\mu\text{S}/\text{cm}$
Accuracy (@25°C/77°F)	$\pm 2\%$ F. S.
Calibration	manual, one point, through trimmer
Temperature Compensation	automatic, 5 to 50°C (41 to 122°F) with $\beta = 2.4\%/^{\circ}\text{C}$
Setpoint	1.00 to 5.00 $\mu\text{S}/\text{cm}$
Alarm	red LED blinks when measured value differs from the setpoint more than 1.00 $\mu\text{S}/\text{cm}$
Probe (included)	HI7631/2 conductivity probe with 2 m (6.6') cable and 1/2" thread for flow-thru monitoring (included)
Power supply	12 VDC adapter (included)
Environment	0 to 50°C (32 to 122°F); RH max 100%
Dimensions	86 x 110 x 43 mm (3.4 x 4.3 x 1.7")
Weight	215 g (7.6 oz.)
Ordering Information	HI983304-01 (115V) and HI983304-02 (230V) are supplied with HI7631/2 EC/TDS probe, calibration screwdriver, 12 VDC adapter and instructions.

For a list of our EC solutions, see section 6