

Water-Resistant Conductivity Meter for Demineralized Water with Visual Alarm



HI 983304 is specifically designed for use in demineralized and deionized water.

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

The meter measures from 0 to 19.99 $\mu\text{S}/\text{cm}$. and has a built-in 3½-digit LCD. HI 983304 is supplied with an HI 7631/2 direct 2-pin probe with a 2 m (6.6') cable and a ½" 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, HI 983304's red LED will alert the user as soon as the reading is 1 $\mu\text{S}/\text{cm}$ over the setpoint.



Specifications

| | HI 983304 |
|--------------------------|--|
| Range | 0.00 to 19.99 $\mu\text{S}/\text{cm}$ |
| Resolution | 0.01 $\mu\text{S}/\text{cm}$ |
| Accuracy (@20°C/68°F) | ±2% F. S. |
| Calibration | manual, 1 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 | LED blinks when the measured value is higher than 1.00 $\mu\text{S}/\text{cm}$ of the setpoint |
| EC probe | HI 7631/2 with 2 m (6.6') cable and ½" thread for in-line installation (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

HI 983304 is supplied complete with HI 7631/2 probe, calibration screwdriver, 12 Vdc adapter and instructions.

Accessories

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|------------|---|-----------|--|
| HI 7631/2* | EC probe with 2 m (6.6') cable and 1/2" thread for in-line installation | HI 710005 | 115 Vac/12 Vdc, power adapter, US plug |
| HI 7631/3* | EC probe with 2 m (6.6') cable and 3/4" thread for in-line installation | HI 710006 | 230 Vac/12 Vdc, power adapter, European plug |

*Replaceable by technical personnel only.
For a complete range of calibration, cleaning and maintenance solutions, see section F. For EC/TDS probes, see section U.