

HI7634-00 Conductivity Probe

HI7634-00 is an EC/TDS probe with built-in NTC sensors which provide temperature compensated conductivity measurements.

It can be used with the following Hanna Instruments meters:

HI983313: 0 to 1999 $\mu\text{S}/\text{cm}$

HI983315: 0.0 to 199.9 ppm

HI983319: 0 to 1999 ppm

HI983320: 0.0 to 199.9 $\mu\text{S}/\text{cm}$

HI983321: 0.00 to 19.99 ppm

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HI983324: 0.0 to 49.9 ppm

HI983329: 0 to 999 ppm

WARRANTY:

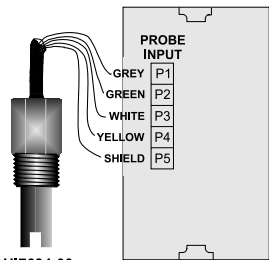
HI7634-00 probe is warranted for a period of one year. This warranty is limited to repair or replacement free of charge.

Damages due to accident, misuse, tampering or lack of prescribed maintenance are not covered.

If service is required, please contact your local Hanna Instruments Office. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. If the repair is not covered by the warranty, you will be notified of the charges incurred. If the instrument is to be returned to Hanna Instruments, first obtain a Returned Goods Authorization Number from the Customer Service department and then send it with shipment costs prepaid. If the repair is not covered by the warranty, you will be notified of the charge for repair or replacement. When shipping any instrument, make sure it is properly packaged for complete protection. To validate your warranty, fill out and return the enclosed warranty card within 14 days from the date of purchase.

CONNECTIONS:

The wires from the probe cable must be connected to the process EC or TDS controller as shown below. The connections are color coded for an easy installation.



Note: Once the probe is attached to the meter, it is recommended to calibrate it before taking any measurement. Follow the calibration procedure in the meter's manual.

SPECIFICATIONS (typical @25 °C):

| | |
|---------------|--------------------|
| Cell Constant | 1 cm ⁻¹ |
| NTC sensors | 10 KΩ |
| Materials | PP and AISI316 |
| Temperature | -5 to 50 °C |
| Max. pressure | 3 bar |

PROBE MAINTENANCE:

To improve the probe performance and prolong its life, it is recommended to clean it regularly.

- Immerse the tip of the probe in **HI7061** Cleaning Solution for one hour.
- If a more thorough cleaning is required, brush the metal pins with very fine sandpaper.
- After cleaning, rinse the probe with tap water and recalibrate the meter.
- When not in use, clean the probe before storing it away.