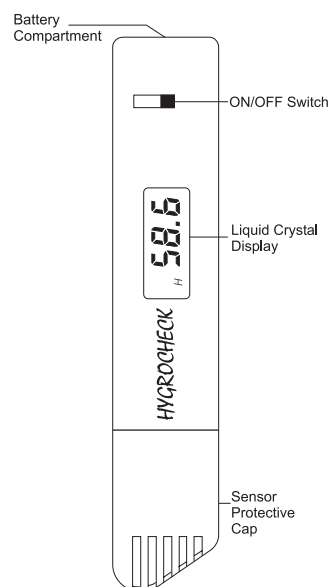


FUNCTIONAL DESCRIPTION



SPECIFICATIONS

| | |
|----------------------|--|
| Range | 10.0 to 90.0% RH |
| Resolution | 0.1% RH |
| Accuracy | ±3% F.S. |
| Response Time | 20 seconds for 95% accuracy |
| Environment | 0 to 50°C (32 to 122°F); RH max 95% |
| Battery Type | 3 x 1.5V, |
| Battery Life | 100 hours of continuous use |
| Dimensions | 180 x 30 x 15 mm (7.1 x 1.2 x 0.6") |
| Weight | 62 g (2.2 oz.) |

INSTRUCTION MANUAL

HYGROCHECK® **HI 98601** **Electronic Hygrometer**



PRELIMINARY EXAMINATION

The meter is supplied with batteries, soft carrying case and instructions.

GENERAL DESCRIPTION

The *HYGRD CHECK*® is a light-weight, pocket-sized meter designed for on-the-spot testing of Relative Humidity.

The *HYGRD CHECK*® uses the advanced TFPC (Thin Film Polymer Capacitance) sensing method to measure humidity and an integrated electronic circuit to perform all relative conversions. This method of Relative Humidity measurement assures a quick and accurate reading.

The housing is constructed of durable ABS material and the LCD is protected behind a transparent plastic cover.

Also, a vented cap protects the sensor while allowing maximum airflow for rapid response.

TECHNICAL SERVICE

The *HYGRD CHECK*® is factory calibrated with reference to NIST certified instruments.

For an accurate recalibration of your meter or if you need additional technical information, contact your dealer or the nearest Hanna Service Center.

For e-mail contacts and complete list of Sales and Technical offices, please see **www.hannainst.com**

OPERATIONS

For accurate measurements with the *HYGRD CHECK*®, please proceed as explained below.

- The end of the humidity sensor should be exposed to an air current moving at 0.5 m (20") per second or more.
- In the absence of air movement, the response can be accelerated by moving the probe.
- The RH sensor must never come into contact with water or other liquids. If this should happen, or if condensation causes drops to form on the sensor surface, turn off the instrument and expose it to an air current to dry the sensor.

BATTERY REPLACEMENT

To access the battery compartment, slide off the cover. When replacing the batteries, pay attention to the correct polarity and use only the battery type specified in these instructions.

WARRANTY

This meter is guaranteed for one year against defects in workmanship and materials when used for their intended purpose and maintained according to instructions. 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, contact the dealer from whom you purchased the instrument. 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. When shipping any instrument, make sure it is properly packaged for complete protection.