

# HI-98601 Hygrocheck



HYGROCHECK uses the advanced TFPC\* 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. With a complete measurement range of 10% to 90% RH, and an accuracy of 3% across the ENTIRE RANGE, HYGROCHECK is the most complete and versatile pocket-sized Hygrometer available!

Most Hygrometers on the market today are too large or heavy to be carried around together with other instruments for on-the-spot testing. The pocket-sized HYGROCHECK is only 7.1 x 1.2 x 0.6" (180 x 30 x 15mm) and weighs just 2.2 oz. (62 grams). This compact, rugged unit will slip right into your pocket, it can be carried anywhere!

The housing is constructed of durable ABS material and the LCD is protected behind a transparent plastic cover. The LCD displays the RH reading in LARGE digits that can be read from any angle. A vented cap protects the sensor while allowing maximum air-flow for rapid response!

Unlike an ordinary psychrometer, HYGROCHECK performs all relative conversions electronically. NO charts, NO estimating, NO human error! This unit measures RH in seconds without having to be swung around like a sling!

HI 98601 (HYGROCHECK) is supplied complete with 3 x 1.4V batteries, a soft carrying case and instruction manual

(\*TFPC Thin Film Polymer Capacitance)

## Specifications:

Range:	10.0 to 90.0% RH
Resolution:	0.1% RH
Accuracy:	±3% of Full Scale
Typical EMC Deviation:	±3% of RH
Response Time:	up to 20 seconds for 95% accuracy
Environment:	32 to 122°F (0 to 50°C); RH 95%
Battery Type / Life:	3 x 1.4V / 100 hours approx. continuous use
Weight:	2.2 oz.(62g)
Dimensions:	7.1 x 1.2 x 0.6"(180 x 30 x 15mm)

## Helium Projects Ltd

Projects House, 1 South Farm Industries,  
St Lawrence Avenue, Worthing,  
West Sussex, BN14 7JH  
Tel: +44(0) 1903 211121 Fax: +44(0) 1903 211130  
E:Mail: [sales@helium.uk.net](mailto:sales@helium.uk.net)  
Website: [www.helium.uk.net](http://www.helium.uk.net)