

GE Sensing

HumiTrace is the market-leading system for reliable and precise calibration of virtually any relative humidity probe. Each HumiTrace humidity calibration standard is supplied with an INAB calibration certificate. This not only ensures that your instrumentation readings are accurate and that your product conforms to the specification, but that it also satisfies the requirements of your QA system and any accreditation you have.

Simple to Use

The HumiTrace calibration system is very easy to use. A range of adapters is available to fit most relative humidity probes. It takes only seconds to replace the Humitrace cap with the appropriate adapter and the

relative humidity probe that is to be calibrated. Once the instrument undergoing calibration has stabilized, the display or output can be compared with the calibrated value of the HumiTrace reference.

Multiple Calibrations

HumiTrace calibration standards can be used repeatedly and typically last two to four years provided the cap is replaced after use. Annual INAB certification is recommended.

HumiTrace™ General Eastern Relative Humidity Calibration

Humitrace is a General Eastern product. General Eastern has joined other GE high-technology sensing businesses under a new name—GE Industrial, Sensing.



HumiTrace Specifications

Nominal Values

11%, 22%, 33%, 54%, 75%, 80% and 90%

Measurement Uncertainties

From 1%

Life-Span

Typically two plus years (depending on usage)

Construction

ABS body with semi-permeable membrane (patented)

Adapter Sizes

From 0.19 in to 1 in (5 mm to 25.4 mm)

L.G.C. Ref. Material Numbers

HM11, HM22, HM33, HM54, HM75, HM80 & HM90

HumiTrace humidity calibration standards are supplied with a one year warranty, INAB certificate, instructions and temperature corrections.

INAB Laboratory

GE is an INAB-accredited calibration laboratory that provides an extensive range of calibration services and equipment. With over 75 years combined experience in the field of humidity and temperature measurement, the GE team offers its customers a fast and cost-effective calibration service for humidity, temperature and pressure calibration. In addition, we are always pleased to discuss any application and offer helpful advice, appropriate equipment, training or consultancy.



Part Number	Humidity Standards
HUM-11	ILAB certified, 11% RH
HUM-22	ILAB certified, 22% RH
HUM-33	ILAB certified, 33% RH
HUM-54	ILAB certified, 54% RH
HUM-75	ILAB certified, 75% RH
HUM-80	ILAB certified, 80% RH
HUM-90	ILAB certified, 90% RH

Part Number	Adaptors
ADP-5	5 mm
ADP-6	6 mm
ADP-7	7 mm
ADP-8	8 mm
ADP-10	10 mm
ADP-11.5	11.5 mm
ADP-12	12 mm
ADP-12.5	12.5 mm
ADP-13	13 mm
ADP-13.5	13.5 mm
ADP-14	14 mm
ADP-15	15 mm
ADP-16	16 mm
ADP-17	17 mm
ADP-18	18 mm
ADP-18.5	18.5 mm
ADP-19	19 mm
ADP-19.5	19.5 mm
ADP-20	20 mm
ADP-21	21 mm
ADP-21.5	21.5 mm
ADP-22	22 mm
ADP-22.5	22.5 mm
ADP-23	23 mm
ADP-23.5	23.5 mm
ADP-24	24 mm
ADP-25	25 mm
ADP-25.4	25.4 mm
ADP-SWORD	Sword
ADP-1/2 in	1/2 in

Part Number	Carrying Cases
3-POT CASE	3 Pot carry case
7-POT CASE	7 Pot carry case

Part Number	HumiTrace Recalibrations
HUM-RECAL	Re-certification of HumiTrace any value
RH-1	ILAB hygrometer calibration one point RH at one point temp
RH-2	ILAB hygrometer calibration two points RH at one point temp
RH-3	ILAB hygrometer calibration three points RH at one point temp
RH-4	ILAB hygrometer calibration four points RH at one point temp
RH-5	ILAB hygrometer calibration five points RH at one point temp
CM-1	ILAB chilled mirror calibration up to five points in the range -103°F to 50°F (-75°C to 10°C) dew point



©2005 GE. All rights reserved.
920-219A

All specifications are subject to change for product improvement without notice. HumiTrace™ is a trademark of GE. GE® is a registered trademark of General Electric Co. Other company or product names mentioned in this document may be trademarks or registered trademarks of their respective companies, which are not affiliated with GE.