

ESTEEM INDUSTRIES INC.

EST-HM 101 ESTEEM HUMIDITY METER



The EST-HM 101 Esteem Humidity Meter is our most popular meter for measuring relative humidity and temperature. It features a splash-proof keyboard, direct readout of humidity on a clear and protected LCD display, and a fast response sensor on a 2m cable. Designed to be used anywhere where the benefits of an almost immediate fast response sensor are appreciated, the EST-HM 101 Esteem Humidity Meter has proved popular for monitoring the status of internal structures such as museums, libraries, computer rooms and laboratories. The 2m cable length between probe and instrument make it ideal for those hard to reach areas that need to be monitored, for example in air conditioning grills and inside fume cupboards or in high humidity plant growing areas, (such as mushroom crops). Supplied complete with probe, the meter can be fitted with an optional rubber holster to offer protection against accidental drop damage.

EST-HM 101 ESTEEM HUMIDITY METER



The EST-HM 101 Esteem Humidity Meter provides readings with 98% precision in a very short time for both R.H. and temperature. The detachable R.H. probe is housed in a rugged ABS cylinder with a thin-film polymer humidity sensor and a signal amplifier. A perforated cap on the probe allows the air to circulate while it protects the sensitive sensor. The standard cable is 2m long (7'), and a 5 meter (16.5') version is also available. Specially designed for internal applications such as museums, libraries, computer rooms and printing facilities. The smooth membrane keyboard has 4 keys that make operation simple and quick. A large LCD displays readings in easy-to-read digits each with a symbol next to it to identify the operating mode.

TECHNICAL SPECIFICATIONS

Range RH 10.0 to 95.0%

°C 0.0 to 60.0

°F 32 to 140

Resolution RH 0.1%

°C 0.1

°F 1

Accuracy RH $\pm 2\%$

°C ± 0.4

°F ± 1

For 1 year, excluding probe error

Typical EMC RH $\pm 2\%$

Deviation °C ± 0.5

°F ± 1

Probe HI 70601/2 TFPC R.H. and

temperature probe with

2 m (6.6') cable

Battery Type / Life 1 x 9V / approximately 100 hours

of continuous use

Environment 0 to 50°C (32 to 122°F); RH 98%

non-condensing

Dimensions 185 x 82 x 45 mm (7.3 x 3.2 x 1.8")

Weight (meter only) 315 g (11.1 oz.)

TURBIDITY METERS



EST-TM 101 ESTEEM TURBIDITY METER

The microprocessor-based waterproof EST-TM Esteem Turbidity meter is an easy-to-use turbidimeter that meets the rigor of rugged field applications. It is a "must-have" for anyone monitoring turbidity on the go. Using an Infrared light source, it delivers laboratory accuracy with a resolution of 0.01 NTU across an extended range of up to 20 NTU (Nephelometric Turbidity Units).

PRODUCT FEATURES :

IP67 Waterproof and Dustproof - Cleaning and maintenance is simple. It floats!

Automatic Push-Button Calibration (4 points) for unprecedented full-range accuracy

Sturdy Carrying Kit complete with 4 calibration standards, 3 empty cuvettes, batteries and comprehensive instruction manual

Power-saving feature allows over 1200 measurements to be taken with a single set of AAA alkaline batteries

Large Easy-to-Read Display for optimum viewing of measurements with user-friendly message codes for easy troubleshooting

Meets Performance Criteria as specified by ISO 1727 (DIN EN 27027) method.

SPECIFICATION FOR TURBIDITY METER

Range: 0 - 10,000 NTU

Principle of Operation: Nephelometric

Ratio (Color Correction): Full Time ON or OFF

Accuracy: $\pm 2\%$ of reading plus 0.01 NTU (0 to 1000 NTU)

$\pm 5\%$ of reading (1000 to 4000 NTU)

$\pm 10\%$ of reading (4000 to 10,000 NTU)

Resolution: 0.0001 NTU on Lowest Range

Response Time: less than 6 seconds

Sample Size: 30 ml

Light Source: Quick connect Infrared

Operating Temperature: 0° - 50°C

Air Purge: Connection for external dry air supply

Outputs: RS-232 Serial Port

ESTEEM PH METERS



EST-PH 101 ESTEEM PH METER (DIGITAL)



EST-PH101 PH meter is a device used for potentiometric pH measurements. pH can be measured using either pH indicators (like phenolphthaleine) - in form of solution or pH strips - or using potentiometric method. Strips are very useful when all you need is 0.5-1 pH unit accuracy. When you need higher precision, pH meter is the only way to go. In potentiometric methods you measure potential difference between known reference electrode and the measuring pH electrode. The latter depends on the activities of ions you want to measure. This dependence is described by Nernst equation, thus once the potential has been measured you can calculate the activity. pH meter is nothing else but precise voltmeter, connected to the pH electrode, and scaled in such a way that it displays not the measured potential, but ready pH value.

EST-PH101 PH meter digital ph meter is direct reading, two point calibration instrument. And is useful where temperature compensation is needed and is mainly used in measuring acidity or alkalinity of a solution. It is adopted in numerous other industries like chemical, pharmaceutical, sugar, food, cosmetic and other industries where ph monitoring is required. They are suitable for potentiometric measurement with appropriate electrode. Its technical specifications are as follows: Display: Digital 12 mm Red LED Range; pH: 0,000 to 14.00pH mV: 0to±1999mV. Accuracy: 0.01 pH, ± 1mV, ±1 Count Slope Adjustment: 80 to 120% at 25°C. Temp. Compensation: • Manually adjustable setting on Calibrated dial between 0°C to 100°C. Input Impedance: 10¹² Electrode Connector: BNC type for combined pH electrode. Dimension: 180Wx180Dx80mmH

FEATURES :

- Field mountable IP-65 enclosure
- Compatible for any pH Electrode
- Economical, Simple to operate
 - Local LED Display

SPECIFICATION :

- Range : 0.00 to 14.00 pH
- Resolution : 0.01pH
- Accuracy : ± 0.02pH ±1 digit (Without Electrode)
 - Operating temp : 0 to 50 °C
- Operating Humidity : 10 to 90% RH

VISIT US : WWW.ESTEEM.IND.IN

E-MAIL : INFO@ESTEEM.IND.IN

PAYMENT TERMS COMMON FOR ALL THE ABOVE MENTIONED MODELS

PAYMENT TERMS :

Who are our Bankers and what are our Banking particulars?

Who are our Bankers and what are our Banking particulars?

Our Bankers are:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
SWIFT CODE: UBININBBCHA

Esteem Industries INC. A/C No.: 398905010050309

May you like to Transfer Payment (T/T) to us, then depending upon the currency of remittance kindly choose one of the following methods:

PAYMENT PROCEDURE FOR USD \$

PAYMENT PROCEDURE : For making SWIFT Transfer payment of US\$ _____, please give the following information to your bank:

Intermediary Banks:

1. Citibank. New York ,Swift code: CITIUS33
2. Bank of America. New York, Swift code: BOFAUS3N
3. Bank of New York. New York, Swift code: IRUTUS3N
4. Standard Chartered Bank. New York, Swift code: SCBLUS33
5. JP Morgan Chase Bank. New York, Swift code: CHASUS33
6. American Express Bank. New York, Swift code: AEIBUS33

Beneficiary Bank:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
Swift Code: UBININBBCHA
Beneficiary: Esteem Industries INC

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR GBP £

PAYMENT PROCEDURE : For making payment of Sterling Pound £_____, please give the following information to your bank:

Intermediary Banks:

1. National Westminster Bank. London, Swift code: NWBKGB2L
2. HSBC London (Midlands), Swift code: MIDLGB22

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.

Swift Code: UBININBBCHA

Beneficiary: **Esteem Industries INC**

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR EURO

PAYMENT PROCEDURE : For making payment of Euro_____, please give the following information to your bank:

Intermediary Bank:

1. Commerz Bank Dusseldorf Germany, Swift code: COBADEDD
2. Bank commercial Italiana, Swift code: BCITITMM
3. Societe Generale Paris, Swift code: SOGEFRPP
4. ABN Amro Bank. Amsterdam, Swift code: ABNANL2A

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.

Swift Code: UBININBBCHA

Beneficiary: **Esteem Industries INC**

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

Note: Please make sure we are INFORMED before and after sending any payment to our Bank Account.

