

HUMIDITY/TEMPERATURE/ DEW POINT INDICATORS

Series 5600

Hand-held precision indicators to measure relative humidity and temperature, in either °F or °C, plus calculate dew point.

Features:

- Measurement range:
Humidity: 5-95%
Temperature: 32-122°F (0-50°C)
- Accuracy:
Humidity: ±3% RH
Temperature: ±1 °F or C
- Dew point calculation
- LCD display
- Battery low indication
- Auto power shut off
- CE compliant



Model 5640



Model 5646A



electro-tech systems, inc.

www.electrotechsystems.com

3101 Mt. Carmel Avenue, Glenside, PA 19038 • Tel: (215) 887-2196 • Fax: (215) 887-0131

Description:

Model 5640: A hand-held instrument with fixed probe incorporating capacitive humidity and RTD temperature sensing elements to accurately measure relative humidity and temperature in either °F or °C. With the push of a button it calculates dew point. Each time the HOLD MAX/MIN button is depressed the current measured, minimum, maximum then the current measured values are displayed. The unit operates from a single 9-Volt alkaline battery with a typical life of approximately 200 hours. A battery low indicator ("Bat") notifies the user that approximately 10 hours of battery life remain. An auto shut off feature that turns the unit off after approximately 10 minutes helps extend battery life.

Model 5646A: This compact instrument is small enough to easily carry in a shirt pocket using the supplied clip plus it features a swivel head and slip-on duct holder. A quick twist cover protects the capacitive humidity and RTD sensing elements when the unit is not in use. The Model 5646A accurately measures relative humidity and temperature in either °F or °C and calculates the dew point. With each successive push of the ON button the LCD display indicates relative humidity, temperature and calculates dew point. Holding the ON button down for several seconds turns the unit off. The unit is powered by 3xAAA batteries with a typically operating life of approximately 1000 hours plus incorporates battery low and auto power turn off features.

Specifications:

Model 5640:

Measurement range:

Humidity: 0-99% RH

Temperature: 32-122°F (0-50°C)

Accuracy:

Humidity: ±3% RH (5-95% RH)

Temperature: 0.9°F (0.5°C)

Resolution: 0.1% RH, 0.1°F/C

Display:

0.375" (10mm) LCD

Dew Point:

Calculated

Power:

Auto Off after approximately 10 min.

9V Alkaline

Typical life: Approximately 100 hrs (Bat Lo indicator)

Dimensions:

Instrument: 7.5"Lx2.5"Wx1.5"D (190x57x38mm)

Probe: 2.375"Lx0.47" Dia (60x12mm)

Weight: 10.6oz (300gm)

Model 5646A:

Measurement range:

Humidity: 5-95% RH

Temperature: 32-122°F (0-50°C)

Accuracy:

Humidity: ±3% RH

Temperature: ±1°F/°C

Resolution: 0.1% RH, 0.1°F/C

Display:

0.375 (18mm) LCD

Dew Point:

Calculated

Power:

Auto Off after approximately 10 min.

3xAAA Alkaline

Typical life: Approximately 1000 hrs (BAT LO indicator)

Dimensions:

Instrument: 2.25"Lx1.5"Wx0.875H (57x38x22mm)

Probe: 4.9"Lx0.47" Dia (125x12mm)

Weight: 2.7oz (77gm)

Specifications subject to change without notice.

9/08