

645 Professional Meter / Logger

Model 645 Two channel hygrometer: *Rugged, compact and protected by a waterproof plastic housing. Standard features include* measurements in the following parameters: dew point, temperature, %RH ($\pm 1\%$) Absolute humidity (g/m³), degree of humidity (g/kg) and Enthalpy (kcal/kg) and includes protective case as well as NIST traceable Calibration Certificate. Includes probe connection cable. Internal measurement store holds up to 3000 measurement values by measurement site for convenient data analysis. **PRICE.....\$ 754.00**



Key Features:

- Highly accurate humidity meas. to $\pm 1\%$ RH
- Internal data memory
- Convenient data analysis

Technical Features:

Storage Temperature	-4° to 158 °F / -20 to +70 °C
Weight	9 oz. / 255 g
Dimensions	8 x 3 x 2 in. / 215 x 68 x 47 mm
Operating Temperature	32° to 122 °F / 0 to +50 °C
Housing	ABS
Number of Channels	2
Battery Type	9V

PROBES- Must include a probe and the connection cable

-AAP 9740 Standard ambient air probe up to +70°C, RH (2%) accuracy, probe \varnothing 12 mm, 0 to +100 %RH, -4 to 158°F / -20 to +70°C (2)



\$295.00

Probe Connection Cable:



0143 Probe Connection Cable, 5 Ft

\$61.00

-HDP 9840 Standard compressed air pressure dew point HPD probe, 300 mm length

The pressure dew point is an important criterion for ensuring that compressed air systems work perfectly. Use the 9840 pressure dew point probe with measuring chamber (combined with the 645 measuring instrument) to determine the pressure dew point quickly and accurately.

Connection to the compressed air system is via a standard plug-in male nipple compressor connection or via a test connection screw fitting (for measurements on vehicles). The probe can also be used for indoor air humidity and temperature measurement without a measuring chamber.

Standard compressed air pressure dew point HPD probe, 300 mm length, 0 to +100%RH, -22 to 122°F / -30 to +50 °C tpd (2)

**\$1,786.00****-PHDP 9841 Precise compressed air pressure dew point HPD probe, 300 mm length**

The pressure dew point is an important criterion for ensuring that compressed air systems work perfectly. Use the precision pressure dew point probe with measuring chamber (combined with the 645 measuring instrument) to determine the pressure dew point quickly and accurately.

Connection to the compressed air system is via a standard plug-in male nipple compressor connection or via a test connection screw fitting (for measurements on vehicles). The probe can also be used for indoor air humidity and temperature measurement without a measuring chamber.

Precise compressed air pressure dew point HPD probe, 300 mm length, 0 to +100%RH, -76 to 122°F / -60 to +50 °C tpd (2)

**\$2,143.00**

-1% 9741 High accuracy ambient air probe up to +70°C, RH (1%) accuracy, probe Ø 21 mm, 0 to +100 %RH, -4 to 158°F / -20 to +70°C (2)

**\$734.00***



-NiMH 0610 Recharger with 4 NiMH rechargeable batteries \$66



-RS232 0178 RS232 Data Transfer Cable, 5.9 Ft \$70.00



-RH Calibration Kit Salt solutions for checking RH probe performance,
11.3% and 75.3% RH, w/ adapter for humidity probe **\$336.00**