

DEWCHECK II measures and calculates fast and accurately: relative humidity, air temperature, Surface/steel temperature, dewpoint temperature DELTA T (difference between surface and dewpoint temperature). is equipped with a real time internal CLOCK/CALENDER.

Has an INTERNAL MEMORY that stores up to 99 DATASETS complete with TIME/DATE STAMP, with one push of a button. Displays stored data sets directly on the gauge and prints wireless to a portable IR-printer (optional) or download to a PC (optional). Assures accurate and stable readings even in the hostile environments of the protective coatings field. Is equipped with the world's highest quality sensors for both humidity and temperature. This eliminates drift and assures long time stability for years without re-calibration. **Designed for use in the field**



Order # **101-DC5000**

- Ergonomic design allows one hand operation. Left or right handed.
- Clear and versatile display shows two parameters simultaneously.
- Simple operation, options are menu-driven operated.
- Acoustic and visual alarm in case of "unsafe" climate conditions for painting.
- Illuminated display and keypad allows the use in poorly lit areas such as tanks.
- Rugged holster case, complete with belt clip and shoulder strap protects the instrument when not in use.
- Wrist strap protects the instrument from falling down when in use.
- Dual surface temperature range combines optimal accuracy and large temperature range.

**Options:**

- Hewlett Packard® IR printer, battery operated printer with wireless communication. Allows direct printout of stored measurement from the gauge.
- PC-Communications kit: Interface cable with basic software on CD allows download of stored measurements in a Windows® based PC for further evaluation in popular programs like Word® or Excel® etc.
- Liquid-temperature probe for measuring liquids (paints) up to 300°C/572°F.
- Set of RH calibration checkers (33%/75%) for a rough check of the humidity sensor.
- TQC DEWCHECK is supplied complete with a holster case and calibration certificate.

**Specifications:**

**Air Temperature:**

Range: -20°C to +75°C / -4°F to +167°F

Accuracy: ± 0.3°C / ± 0.6°F

Resolution: 0.1°C / 0.1°F

**Surface Temperature:**

Range 1-30°C to +60.0°C / -22°F to +140°F:

Range 2 -60°C to 300°C / 140°F to + 572°F

Accuracy: (Range 1) ± 0.5°C / ± 1°F: (Range 2) ± 1.5°C / ± 3°F

Resolution: (Range 1) 0.1°C / 0.1°F: (Range 2) 1°C / 1°F

Humidity Range: 0 to 100% RH

Accuracy: ± 3% RH

Resolution: 0.1% RH

Memory capacity: 99 data sets Storage temperature: -20°C to +70°C / -4°F to + 158°F

Working temperature: -10°C to +60°C / 14°F to + 140°F

Power: Alkaline batteries type AA MN1600 LR6 Battery lifetime: At least 500 hours of continuous use (depending on use of back light)

Weight: 260 Gram / 0.57 pound (instrument only) 380 Gram / 0.84 pound (instrument with case)

**Distributed in Canada by:**

**QPC Instruments Inc.**