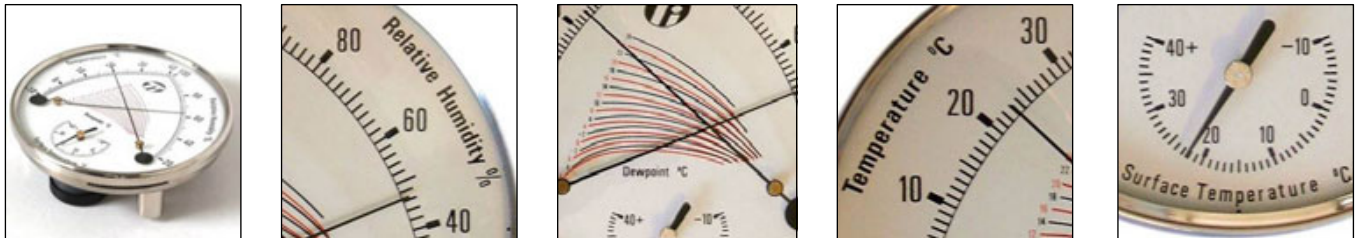


TQC DEWMAG MAGNETIC THERMO-HYGROMETER

TM0030

DATASHEET

PRODUCTDESCRIPTION

Dewmag Magnetic Thermo - Hygrometer , for use during application of protective coatings. Thermo-hygrometer containing a combination of a precision hygrometer and two bimetal-thermometers. The relative humidity and temperature scales are so arranged that their indicators cross over a series of dew point indication curves in the centre of the dial. The dew point may be read off directly at the intersection of the two pointers. An integrated bimetal-surface thermometer indicates the surface temperature so difference between dew point and surface temperature can easily be determined.

Powerful magnets are fitted to the back plate to enable it to adhere strongly to iron or steel surfaces. Additionally the gauge has a loop on the top of the back plate for fixing.

APPLICATION AREA'S

Coating Industry, Construction/building maintenance, galvanize, paint, painter, shipping industry, steel protection.

FEATURES

- Temperature, relative humidity, surface temperature and dewpoint
- All values at a glance
- Strong magnets to attach the instrument to iron or steel surfaces

STANDAARD DELIVERY

Magnetic Thermo-hygrometer in case, manual

ART NO.

TM0030 Dewmag Magnetic Thermo - Hygrometer

SPECIFICATIES

Measuring ranges	Air temperature	: -10....+40°C
	Rel. Humidity	: 20....100% RH
	Dewpoint temperature	: -8.....26°C
	Surface temperature	: -10.....40°C
Accuracy temp.		: ± 1°C
Accuracy humidity		: ± 2.5% RH

Case	: stainless
Bezel	: steel brass
Fixing element	: chromed magnets
Window	: Plexiglas
Dial	: aluminum white varnished
Scale	: black varnished
Pointer	: black varnished steel
Temp. system	: Bimetal
Humidity system	: Hair Element
Case dimensions	: Round case Ø 130 mm(nominal size) Height: 45 mm.

USE

After putting the combination on the surface of the material to work on the measuring elements absorbs the temperature and the relative humidity. This can take about half an hour depending on conditions. Then read the dewpoint in °C at the intersection of the two indicators.

E.G. air temperature 9.5°C, rel. humidity 80% = 6°C dewpoint at 12°C surface temperature. The difference between surface temperature and dew point temperature is 6°C,

The air temperature shows 9.5°C. This indicates that the surface temperature of 9.5°C slowly sinks and a risk for condensation is possible.

SPECIAL CARE

Use a soft damp (water) cloth. Never use abrasives or abrasive tools.

SAFETY PRECAUTIONS

This is a precision instrument. Avoid shocks and don't drop it.

DISCLAIMER

The right of technical modifications is reserved.

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