

TQC DEWPOINT CALCULATOR

TM0040

MANUAL

1 PRODUCT DESCRIPTION

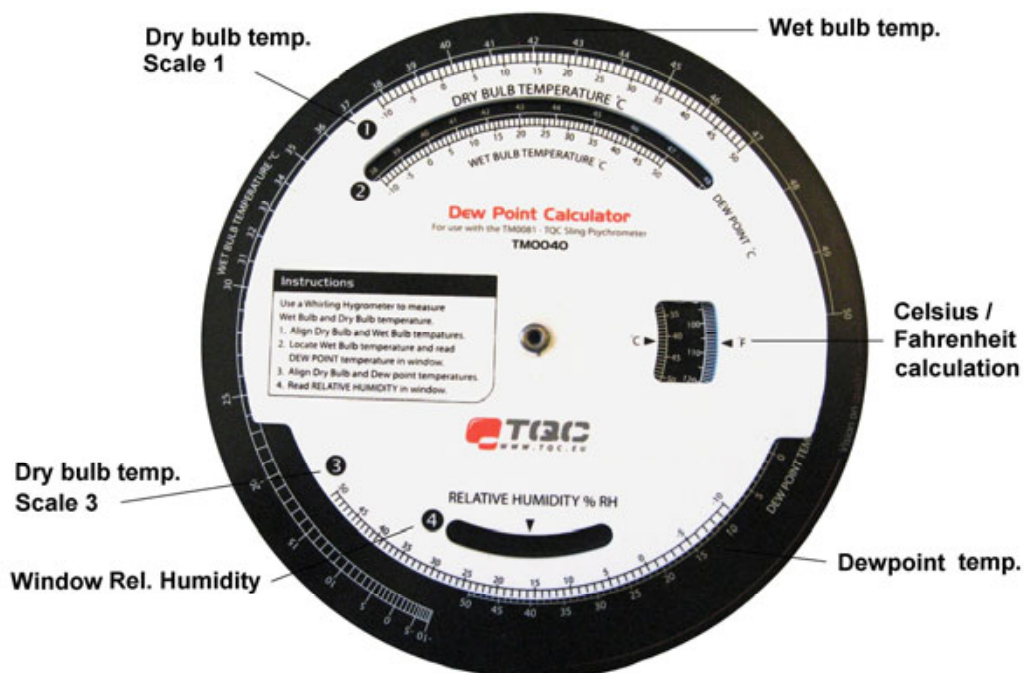
Simple calculator for determining the dew point and relative humidity using the measurements carried out with a **Slinger psychrometer** (measured in the wet / dry bulb principle) or an **Electronic Temperature and Relative Humidity meter**.

2 DETERMINATION OF VALUES

1. If a **sling psychrometer**, so called wet- dry bulb temperature is being used.
 - Determine the **dew point** by putting the dry bulb temperature (upper white scale 1) against the wet bulb temperature (upper black scale).
 - Read the dew point in the window 2 against the earlier determined wet bulb temperature.
2. If an **electronic Temperature and Rel. Humidity meter** is being used.
 - Determine the **dew point** by putting the black arrow on the lower scale 4 (Relative Humidity % RH) against the measured RH value in the window.
 - Focus on the measured temperature at scale 3 and read the dew point on the lower black scale (Dew Point Temp.).

Example:

Dry bulb temperature:	25°C
Wet bulb temperature:	19°C
Dew point:	16°C
Relative humidity:	58%



3 MAINTENANCE

- Clean the calculator with a dry cloth. Do not use any abrasive or chemical cleaning solvent which can damage the plastics.
- Keep the calculator always in the protective sleeve when not in use.

4 DISCLAIMER

The information given in this manual is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this manual without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavor to ensure that all advice we give about the product (whether in this manual or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this manual is liable to modification from time to time in the light of experience and our policy of continuous product development.