

Elcometer 114 Dewpoint Calculator



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This provides accurate values of Relative Humidity (RH) and Dewpoint from the wet and dry bulb temperatures measured by a Whirling or Sling Hygrometer - such as the Elcometer 116 range.

The range of the Elcometer 114 is -10°C to 50°C and it has an accuracy of ±1% of standard tables.

The calculator includes a °C to °F converter.

Climatic Condition Testing

During the application of a coating, the presence of moisture in the environment, or on the work surface, often results in a poor quality finish. Problems such as poor adhesion of the coating or premature corrosion of the substrate can occur.

To determine the likelihood of moisture affecting the quality of the finish, it is essential that the surface temperature, air temperature, relative humidity (RH) and dewpoint are all measured.

At a glance

- A simple, low cost table wheel that provides accurate values of relative humidity & dewpoint from wet & dry bulb temperatures of a whirling or sling hygrometer.

Model	Description	Part Number
Elcometer 114	Elcometer 114 Dewpoint Calculator	G114----2

Related products



Elcometer 116

A guide for Relative Humidity (RH) Calculation is supplied with each instrument. The dewpoint can be accurately obtained using Elcometer 114 Dewpoint Calculator. The Elcometer 116C Bacharach Sling Hygrometer is a convenient, self contained instrument with a built in slide rule for the calculation of %RH and dewpoint.



Elcometer 319

The Elcometer 319 dewmeter has been designed to incorporate all the needs required for climate condition monitoring, in a single gauge. This simple to use dewcheck measures all the parameters required to determine if the climatic conditions are correct for coating to commence - including - air temperature, relative humidity, surface temperature, dewpoint temperature and deltaT - the difference between dewpoint and surface temperature.

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