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Sling Psychrometer

Relative Humidity

The uniquely compact Bacharach Sling Psychrometer accurately determines percent relative humidity without the necessity of consulting complex tables. There is no need to wet the wick each time a reading is taken; the Sling Psychrometer contains a slide rule calculator which correlates wet and dry bulb thermometer indications for direct reading of relative humidity. When not in use, the thermometer case telescopes into the handle for protection.

Features

- Designed for portability (7.5" long x 1" diameter)
- Slide rule construction quickly converts temperature to relative humidity
- Built-in water reservoir holds sufficient water for several hours of testing
- Thin bulb design gives fast thermal response
- Thermometers constructed of shock-resistant glass; stems have deep-etched numerals and 1° scale divisions for easy reading
- Accurate to within $\pm 5\%$ R.H.

Applications

- Measurement of comfort conditions in air conditioned environments, hospital operating rooms, storage areas and laboratories
- Tests in industrial atmospheres where high or low humidity may be critical in manufacturing processes
- School athletics – to determine safe conditions for practice



ORDERING INFORMATION

PART NO.	DESCRIPTION
12-7011	+25°F + 120°F Mercury Filled
12-7012	+25°F + 120°F Red Spirit Filled
12-7013	-5° to +50°C Mercury Filled
12-7043	-5° to +50°C Red Spirit Filled
12-0267	Thermometer +25°F + 120°F Mercury Filled
12-0266	Thermometer +25°F + 120°F Red Spirit Filled
12-0265	Thermometer -5° to +50°C Mercury Filled
12-0327	Thermometer -5° to +50°C Red Spirit Filled
12-0011	Wick Replacement Kit - containing 4 wicks
06-5456	Cap