

# HYGROMETERS & SLING PSYCHROMETERS

## BACHARACH SLING PSYCHROMETER

Indicates accurately the percent of relative humidity without reference to charts.

### Features

- Slide rule construction quickly converts temperature to R. H.
- Built-in water reservoir holds sufficient water for several hours testing.
- Thin-bulb design gives fast thermal response.
- Thermometers are made of shock-resistant glass; stems have deep-etched numerals and 1° scale divisions for easy reading.
- Designed for portability.

This unique Sling Psychrometer accurately determines percent relative humidity without necessity of consulting complex tables. A water reservoir eliminates the need to



wet the wick each time a reading is taken. It can be whirled freely. A built-in slide rule calculator correlates wet and dry bulb thermometer indications for direct reading of R. H. measurement. Thermometer case telescopes in to handle for protection when not in use.

### Applications

Measurement of comfort conditions in air conditioned environments, hospital operating rooms, etc.

Tests in industrial atmospheres where high or low humidity may be critical in manufacturing processes.

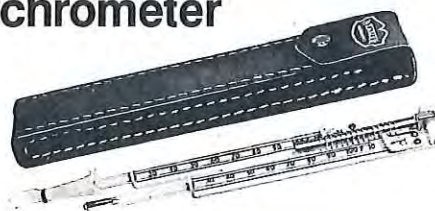
School Athletic Departments use it to determine safe conditions for practice.

CAT. NO.	BACHARACH CODE NO.	TEMP. RANGE	FILL	Spare Part — Thermometer	
				CAT. NO.	CODE NO.
33131	12 - 7013	-5 to +50°C	MERCURY	33129	12 - 0265

# ROBINAIR®

Used to determine relative humidity. Has quality mercury thermometers with magnifying lenses. Leatherette case and complete instructions included.

## Weksler sling psychrometer



ROBINAIR NO. 12149

CAT. NO. 33123



## Kane-May

# KM450 The versatile, low cost, digital electronic thermometer.

**With a four probe choice for solids, semi-solids, gases, liquids, or powders.**

The new Kane-May KM450 with a low price that means good, accurate thermometers no longer have to be shared or restricted.

**POCKET SIZE**

The KM450 accepts four different probes —. Simply plug in the appropriate probe, switch on, and you can measure the temperature of gases, liquids, powders, solids or semi-solids. 12.5 mm high numbers ranging from -30°C to 450°C. With 1°C accuracy, resolution and repeatability. And automatic battery-life warning.



CAT. NO.	TYPE	DESCRIPTION
33295	KM450	DIGITAL THERMOMETER
33296	KA1/45	Air/Liquid Probe
33297	KS1/45	Surface Probe
33298	KC1/45	Chisel Probe
33299	KA5/45	Smoke Probe
332100	KP1/45	PTFE Thermocouple of 1 metre length

TEMPERATURE MEASUREMENT	
Range	-30°C to 450°C
Digital display	High contrast 12.5 mm Liquid Crystal Display. Minus sign automatically indicates sub-zero temperature.
Resolution	1°C
Instrument accuracy at ambient temperature of 23°C (±5°C)	Readings above -10°C ±0.7% of reading ±1°C At -30°C x 1.5°C error (typical)
Repeatability	±1°C
Ambient temperature operating range	0°C to 45°C
Typical temperature coefficient (of reading)	±0.015% per °C
Accuracy of cold junction compensation	±1°C
Battery type	9 volt dry battery type PP3
Battery life	160 hours
Automatic battery test	Warning symbols automatically displayed when battery replacement necessary.
Dimensions and weight	115 x 70 x 38 mm. 140 g with battery.