



SAMA RANGE THERMOMETERS

We stock the complete SAMA range of thermometers. The selection is extensive, (see our price list), so we offer the following guide to help you choose the best thermometer for a particular application:

RED LIQUID OR MERCURY

Red liquid is best for most applications since it is safer, easier to read, and less expensive. Use mercury for temperatures above 150°C, or when especially high accuracy is required.

PARTIAL OR TOTAL IMMERSION

Partial immersion is best for most applications. These thermometers are calibrated to read correctly when only 3" of the stem is immersed in the liquid being measured. Total immersion thermometers are calibrated for use when the entire liquid column is totally immersed in the substance being measured and should be used only under those circumstances.

YELLOW OR WHITE BACK

This depends only on which color the user feels contrasts best against the mercury column. Red liquid thermometers are all white back.

FRACTIONAL DEGREE

When you need to measure changes in temperature of less than 1°.

NIST-TRACEABLE THERMOMETERS - NEW

For precise temperature measurements and as standards to check or calibrate other thermometers in the lab.

HIGH QUALITY CONSTRUCTION

All of our thermometers are made to SAMA specifications for ranges and accuracy. In addition our thermometers have a number of extra quality features built in:

- A) MERCURY EXPANSION CHAMBERS
- B) REINFORCED BULBS, to prevent breakage
- C) HORIZONTALLY PRINTED SCALES, easier to read in use
- D) RING TOPS, for submersion
- E) NON ROLL CAPS
- F) SCALES PRINTED INTO THE GLASS, rather than on the surface so they never wear off