

## MAGNETIC THERMOMETER



A very useful low cost instrument for measuring the temperature of steel substrates in locations which are structurally difficult to get at, i.e. Bridges, Large Building Frames, Oil rigs etc.

The Magnetic Steel Thermometers can be simply placed in the difficult locations and will remain magnetically clamped to the steel until removed, thus the temperature can be looked at without the need to carry or hold a separate instrument.

The Magnetic Thermometer is manufactured in a metal case fitted with a toughened glass domed window which is secured by a nickel plated bezel, thus making the gauge extremely robust.

Temperature is measured by means of a bi-metal spring mechanism housed in the case, when the base of the case is held against a steel surface by the strong magnets; movement of the bi-metal strip is transmitted to the pointer and can be easily read by the operator.

The dials on these thermometers are printed in easy to read bold black figures.

The needle is made from black steel.

The gauge is therefore a mechanical gauge and does not use a battery.

Two versions are available the standard model for average temperatures T1003A (-30°C to +50°C) and the higher temperature model T1003B (0°C to +120°C) for hot climates.

Accuracy  $\pm 2\%$ .

### Part Numbers

T1003A - Measures -30°C to +50°C.

T1003B - Measures 0°C to +120°C.

### Calibration Certificate

NT002 - Calibration Certificate UKAS traceable.