

**The All-Advantage Digital
Pyrometer with Memory**

Tempstick 529



CE marked

For molten:

Steel
Cast Iron
Copper
Brass
Bronze
Aluminium alloys
Gold
Silver

STURDY, ACCURATE, EASY TO USE, PORTABLE & DEPENDABLE

The Tempstick 529 has evolved totally to suit a harsh and hostile industrial environment. It has proved to be the most dependable molten metal temperature measuring instrument when used with our BMD, Thermotips or Minitips for furnace, ladles and tundish in Foundries and Steel Plants.

FEATURES

- Could be connected to PC to get printout of Temperature with Time, Date, Dip Station (Furnace), Heat number
- Facility to see temperature readings with furnace code number
- Easy to use, light weight, portable and rugged unit that survives the toughest conditions
- Plateau Detection Software
- Accuracy of $\pm 1^{\circ}\text{C}$ due to its microprocessor based technology
- Overall system accuracy of $\pm 3^{\circ}\text{C}$
- Rechargeable Nickel-Cadmium battery and automatic low battery indication
- Bright 0.6" digital display
- Automatic power shut-off
- Buzzer that indicates end of the measuring cycle
- No mechanical switches
- 1000 readings can be stored in memory
- Choice of peak hold or tracking mode in 529 K
- Available with K or S/R/B thermocouples

All our products are certified to meet ISO/QS standards

Specifications may change without prior notice due to continuous development.

Thermocouple Tips



BMD Tips These can be used 6 to 8 times to measure temperature of molten metal in slag free condition. This tip is having ceramic tube.

MINI Tips These are expendable cardboard sleeve tips useful to measure temperature of molten metal with slag. It has Male Receptacle. Expendable Mini Tip is available in different lengths having ID 18 mm & OD 32 mm

TYPE III Tips These are useful to measure temperature of molten metal with slag. It has Female receptacle. Expendable Type III Tip is available in different lengths having ID 28mm & OD 42 mm

All Thermocouple Tips are available in Pt/Pt-Rh Thermocouples-10%, 13% & 6/30%

Metacup C, HC & CE



These are the sampling cups with accurate thermocouple assembly. Through our concentrated development activities, we offer the following

Metacup-CE without tellurium is used for "Carbon Equivalent" determination of cast iron

Metacup-C with tellurium 'Blob' to get more reliable data for thermal analysis to read CE, C & Si of cast iron

Metacup-HC is specially used for determination of high carbon equivalent of cast iron

Cooling curve/ Thermal analysis has two components

Metacup to measure the cooling curve of solidifying cast iron sample

Ferrolab to interpret cooling curve in terms of CE, C & Si

Metacup C & HC have horizontal thermocouple. Thermocouple response to changing temperature of the sample is immediate.

Metacup C & HC with its tellurium "Blob" and other ingredients at the bottom of cup gives consistent, accurate C & Si readings.