

Smartdip Pyrometer



Made in the UK 

Description

Smartdip is a digital foundry pyrometer used to measure, display and store the temperature of molten metal.

The battery powered portable unit searches, holds and displays the peak stable temperature with a single button operation. It then stores the time, date and temperature reading which can be downloaded to Windows compatible software. The unit is ranged to use type K, N, B, R or S thermocouples, which will change depending on the application and type of metal being measured.

The unit is housed in a tough, lightweight aluminium case which is ideal for the rugged foundry environment. It is supplied with a 1.2 metre stainless steel dip arm fitted with the thermocouple connection of your choosing.

DPP 'K' is ranged for use in non-ferrous molten metals only and is designed for use with expendable KWIK-TIP thermocouples or swaged thermocouple elements.

DPP 'B', 'R' and 'S' can be used for temperature measurement of both ferrous and non-ferrous molten metal. They are supplied for use with multi-use expendable thermocouples; the dip arm comes complete with an expendable thermocouple connector.



Specification

Product	Smartdip Pyrometer
Type	K, N, B, R or S
Temp Range	Type K -200 to 1300°C Type N -50 to 1200°C Type B 350 to 1800°C Type R/S 0 to 1600°C
Dip Arm	1m, 1.2m, 1.5m and 2m as standard or to order
Calibration Standard	ITS'90, IPTS'68 & ITPS'48
Accuracy	+/- 0.1% of reading +1°C or F
Material	Aluminium body with stainless steel dip arm
Memory	681 readings
Termination	Expendable thermocouple connector, KWIK-TIP casting or element fitting
Part Number	MPSMD

Features

- Stores up to 681 readings
- Re-chargeable battery pack
- Large illuminated display
- Robust foundry instrument
- Lightweight and portable

Application

- Quality control
- Smelting
- Casting

We calibrate sensors up to 1100°C

Visit our calibration page to find out more

