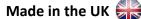# Digital Portable Pyrometer (DPP)

Description

Rugged battery powered digital pyrometer used in the temperature measurement of molten metal.

The digital portable pyrometer (DPP) is a durable foundry pyrometer with a 4-digit green or red LED display. It is supplied complete with a 1.2 metre stainless steel dip arm, angled at 45° as standard; other lengths are available upon request. This arm houses your choice of thermocouple connection which is wired back to the digital instrument. The unit is ranged to use type K, N, B, R or S thermocouples in degrees Celsius or Fahrenheit.

DPP 'K' is for the temperature measurement of non-ferrous molten metal only and is available for use with expendable KWIK-TIP thermocouples or more durable swaged thermocouple elements with dip arm to suit.

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 fitted with an expendable thermocouple connector.

Features

- Traffic light display keeps the operator informed throughout the measurement process
- Re-chargeable battery pack
- Large illuminated display for easy reading
- Low temperature version available (ranged from -22°C)
- Robust aluminium casting designed for the demanding foundry environment

Application

- For use in foundry applications
- Smelting (Re-cycling)
- Casting

Specification

Product	Digital Portable Pyrometer (DPP)
Type	K, N, B, R or S
Temp Range	Type K -200 to 1300°C Type N 0 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
Termination	Expendable thermocouple connecter, KWIK-TIP housing or element fitting
Part Number	MPDPP

We calibrate sensors up to 1100°c

Visit our calibration page to find out more