

## FOUNDRY PYROMETER MODEL AFP-100

The Artech Foundry Pyrometer is a convenient handheld portable instrument for measuring the temperature of molten metals, both ferrous and non-ferrous. The instrument has a lance extension at the end of which can be fitted expendable thermocouple tips or re-usable multidip thermocouples. An automatic timing sequence initiates measurement when the thermocouple is immersed into the molten metal. The measuring sequence ends with the peak temperature reading being latched on display and a beeper signals the end of measurement.



### SPECIFICATIONS :

Range	:	800°C to 1750°C or please specify
Input	:	'R' Type or please specify
Indication	:	On a 3 ½ digit LED display
Character Height	:	0.3" (8mm approx.)
Resolution	:	1°C
Accuracy	:	Better than ±1% of the specified range
Ready/Reset indication	:	Red LED on l.h.s. reset by a push button switch
Measurement over indication	:	An audio alarm from an internal buzzer and a latched peak temperature reading on the display.
Open sensor	:	By blinking of all 4 digits indicating either 2048 or previously latched value with the audio alarm.
Crossing temperature level	:	Preset internally
Low battery indication	:	By a red LED on r.h.s. of the front panel which comes "ON" when the battery voltage drops below 5 volts.
Power supply (Battery)	:	7.2 volts DC (6 X 1.2V NiCad rechargeable)
Accessories (included)	:	1 no. Lance 1500 mm long with Mk VII contact block 1 no. Battery Charger
Accessories (optional)	:	ALC-02 mV Calibrator with set or Calibration Charts. Adapter for calibration through lance end. BMD Thermocouple Tips Type R MK VII

**Configuration, dimensions and specifications subject to improvement/change.**

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