

W-330 Handheld Melting Furnace Thermometer



➤ Product Overview

W-330 Portable Melting Furnace Thermometer is a high-precision instrument specifically designed for rapid measurement of molten metal temperatures during smelting processes in industries such as metallurgy and foundry. It is primarily suitable for measuring the temperatures of molten iron, molten steel, and other liquid metals.

➤ Features and Functions:

- ◆ This instrument features an integrated design combining a temperature gauge and a temperature gun. Considering the harsh working environment and high temperatures typical of smelting temperature measurement sites, it employs a shock-resistant, high-brightness LED display and a fully metal casing for enhanced durability. At its core lies a high-performance microcontroller, paired with high-precision measurement sensors and multiple intelligent processing

g technologies to ensure long-term stable operation. This design significantly improves the instrument's resistance to interference.

- ◆ Compatible with various thermocouple types including S, B, W, and R, meeting diverse temperature measurement requirements.
- ◆ Features automatic temperature hold during measurement.
- ◆ A light and audible beep signal the completion of temperature measurement (lift the thermometer).
- ◆ Wide measurement range from 0 to 1999° C, with measurement accuracy within $\pm 2^{\circ}$ C.
- ◆ Powered by nickel-metal hydride rechargeable batteries at DC 5V.
- ◆ After 2 minutes without signal input, the power supply will automatically disconnect.
- ◆ Features alarm functions for open-circuit, over-range, and low power supply voltage.
- ◆ Standard configuration: Probe length 1.6 meters (optional 2.4 meters)