

Molten Steel Temperature Thermodetector

This thermodetector is designed for measuring the temperature of molten steel with precision. It features a probe for insertion into molten metal and a digital display for immediate temperature readings.



ADDITIONAL IMAGES



Product Overview

Advanced Wireless Molten Steel Temperature Measurement

The CW-I Molten Steel Wireless Temperature Measurement System is a next-generation solution designed to replace traditional wired setups. By eliminating the physical connection between the lance and the instrument, it enhances operational safety and efficiency while significantly reducing maintenance costs associated with compensating wires. This system features robust wireless data transmission, automated power-saving modes, and versatile external output capabilities for seamless integration into existing computerized control environments.

System Performance

Measurement Range

1750 °C
S-Type

1820 °C
B-Type

1769 °C
R-Type

1999 °C
WRe3/25

Accuracy Grade

Grade 0.2

Transmission Distance

50 m

Hardware Specifications

Lance Length	1.5m - 7m (customizable)
Dimensions (L x W x H)	380mm x 280mm x 110mm
Power Supply	AC220V, 50Hz

Connectivity & Output

External Outputs	RS485, 4-20mA, BCD Code
Communication Channels	16

Environmental Conditions

Operating Environment

Parameter	Temperature	Humidity
Lance	-20°C to 50°C	d85%
Detector	-20°C to 50°C	d85%