

Expendable Splash-Proof Thermocouple Tip

Expendable, splash-proof thermocouple tips provide accurate temperature measurement in molten metals. The tips are engineered to withstand thermal shock and prevent contamination, ensuring reliable readings in high-temperature applications.



ADDITIONAL IMAGES



Product Overview

High-Precision Temperature Measurement

These expendable, splash-proof thermocouple tips are engineered for accurate temperature monitoring in demanding high-temperature environments such as molten metal processing. Designed for reliability and consistency, they feature robust construction to withstand thermal shock and prevent contamination during critical measurements. Their specialized design ensures repeatable readings, making them an essential tool for foundries and steel mills.

Operational Guidelines

Recommended Insertion Depth

350 mm

Optimal Depth Range

Usage Protocol

- Select appropriate protective paper tube and lance length
- Attach thermocouple securely to the lance
- Verify secondary instrument or display reads zero before measurement
- Avoid contact with furnace walls or scum during immersion
- Remove immediately after reading is obtained to prevent lance damage

Maximum Immersion Time

5 seconds

Storage and Handling

Storage Requirements

Keep dry, Relative humidity < 80%, Well-ventilated area, Free from corrosive gases

Handling Precautions

Yes