

1. SPECIFICATIONS

Thermocouple Type	Type K (NiCr–NiAl)	
Measurement Range	– 200 °C to 1200 °C	
	<i>Continuous usage</i>	– 200 °C to 1100 °C
	<i>Short term</i>	1101 °C to 1200 °C * <i>Within 10 sec max.</i>
Class and Accuracy	<i>Class</i>	0.75
	<i>Accuracy</i>	± 2.5 °C. * – 50 °C to 1100 °C
Probe Cover Material	Inconel	
Dimension	Probe head	120 mm tube, 8 mm Dia.
	Probe Handle	100 mm in length.
Applications	High temperature, Penetration & Immersion.	

2. DESCRIPTION

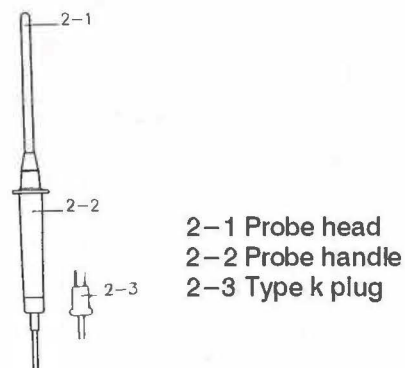


Fig. 1

3. MEASURING PROCEDURES and CONSIDERATION

- 1) Plug the " Type k Plug " (2–3, Fig. 1) into the thermometer.
- 2) Use the hand to hold the " Probe handle " (2–2, Fig. 1).
firmly.
- 3) Immerse the " Probe head " to the liquid (material)
that intend to measure the temperature.

Caution & measuring consideration

** The max. continuous measuring temperature of TP–03 is limited to 1100 °C. When make the operation, please do not measure the temp. over the 1100 °C continuously, other wise the probe may destroyed permanently.*

** Due to user may use the TP–03 under the high temperature environment. So when use the TP–03, should hold the " Probe handle " (2–2, Fig. 1) firmly & safely. Do not use the fingers to touch the probe head due the high temperature of the probe's head may injury the human body.*