



Tenmars YF-160A Single Input Channel K Type Digital Thermometer

SKU: UBIGS1A1RS
Manufacture Warranty period: 12 months
Country of Origin: Taiwan

Introduction

The YF-160A digital thermometer is designed and built according to EN 50081-1 and EN 50082-1 pass the European emissions standard and Generic European immunity standard.

Features

- 3 1/2 Digits LCD maximum reading of 2000
- °C/°F selectable
- Type "K" thermocouple
- Switchable resolution 0.1° / 1.0°
- Data hold / Offset setting
- Semiconductor automatic cold joint compensation.

Application

Suitable for electric engineering, freezing, air conditioning, food processing fields as well as surface temperature, metal, steel, electricity, chemical, ship building, synthetic resin process and metal heat process or other temperature control/management fields.

Specifications

Temperature Unit:	°C or °F
Measurement Range:	-50°C to +1200°C (-58°F to +1999°F)
Resolution:	0.1°C
Accuracy:	-50.0°C to 0°C, ±(0.5% + 1°C)
	0°C to 199.9°C, ±(0.3% + 1°C)
Resolution:	1°C
Accuracy:	-50.0°C to 300°C, ±(0.5% + 1°C)
	301°C to 1000°C, ±(0.3% + 1°C)
	1001°C to 1200°C, ±(0.5% + 1°C)
Resolution:	0.1°F
Accuracy:	58°F to 199.9°F, ±(0.3% + 2°F)
Resolution:	1°F
Accuracy:	58°F to 1999°F, ±(0.3% + 2°F)

Maximum voltage of thermocouple	DC60V, AC24V
Power	9V Battery
Battery life	about 200 hours
Operating temperature & humidity	0°C ~ 50 °C below 80% RH
Storage temperature & humidity	0°C~50°C (32°F~122°F), < 80%RH
Dimension	143 (L) x 74 (W) x 34mm (D)
Weight	Approximately 225g (including battery)

*Accuracy is specified for ambient temperatures at 23°C ± 5°C. The above specifications do not include error of thermocouple.

Package includes

1 x YF-160A K Type Thermometer
1 x TP-03 K Type Thermocouple (-50°C~+200°C), approx 1meter compensating lead-wire
1 x User Manual
1 x 9V battery
1 x Carrying case

