



Features

- High accuracy ($\pm 0.5^{\circ}\text{C} + 0.2\%^{*}$).
- Instant temperature reading.
- Unaffected by material types or emissivity.
- Fully portable handheld unit.
- Long life rechargeable li-ion battery.
- User-friendly simple operation.

Introduction

The InteliTHERM™ HTG400 is a compact handheld wire temperature measuring device that is suitable for use on all bare wire types. It has a special bimetallic wheel construction and integrated electronics. This enables high precision ($\pm 0.5^{\circ}\text{C} + 0.2\%^{*}$) temperature measurement up to 400°C (752°F). The InteliTHERM™ HTG400 is extremely easy to use. Switching between $^{\circ}\text{C}$ and $^{\circ}\text{F}$ is achieved with a single push of the $^{\circ}\text{C}/^{\circ}\text{F}$ units button. The device is fully portable with an integrated rechargeable battery. Temperature is displayed on an easy to read built in LCD display.

Specifications

Specification	InteliTHERM™ HTG400
Temperature measurement range	Ambient temperature to $+400^{\circ}\text{C}$ (752°F)
Accuracy	$\pm 0.5^{\circ}\text{C} + 0.2\%^{*}$
Bare wire diameter range	0.3mm - 10mm (0.0118 Inch - 0.393 Inch)
Max line speed	2000m/min (Higher speeds available on request)
Display	LCD with LED back light
Battery type	18650 Li-ion
Battery capacity	3000mAh (>1000 measurements)
Charging interface	USB-C
Charging time from empty	8 hours
Charging voltage	4.7V~5.2V
Charging current	$\geq 500\text{mA}$
Ambient operating temperature	$+5 \sim +40^{\circ}\text{C}$
Storage temperature	$0 \sim +45^{\circ}\text{C}$

*Assuming InteliTHERM™ HTG400 is operating at ambient temperature

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