

Reference
TOOL LASERTEMP 301 / IR Thermometer
APPLIANCE CHARACTERISTICS

Spectral response	8 -14 mm
Optics	D.S : 30:1 (50 mm to 1500 mm)
Response time	Less than one second
Temperature range	From -50 to +850°C
Accuracy*	From -50 to -20°C : ±5°C From -20 to +200°C : ±1.5% of the reading ±2°C From +200 to +538 °C : ±2% of the reading ±2°C From +538 to +850°C : ±3.5% of the reading ±5°C
Display resolution	0.1°C
Emissivity	Adjustable between 0.10 and 1.00 (pre-set at 0.95)
Screen indication :	Indication of level exceeded “-OI” for under-range “OI” for over-range
Laser aiming device	Wave length : 630-670 nm output lower than 1mW, class 2 (II)
Indication of positive or negative temperature	Automatic (no indication for a positive temperature) Sign (-) for a negative temperature
Screen	4½ digits with backlit LCD screen
Auto switch-off:	After 7 seconds of inactivity High/low alarm
Thresholds	Flashing signal on screen and audible signal with adjustable thresholds
Supply	9 V alkaline battery
Battery life	38 hr (laser and backlight inactive) 15 hr (laser and backlight active)
Temperature for use	From 0 to +50°C
Storage temperature	From -20°C to +60°C
Relative humidity	From 10% to 90% RH in operation and less than 80% RH in storage
Dimensions	175 x 110 x 45 mm
Weight	230 g (including battery)
Memory	20 temperature values with unit of measurement (°C or °F)

* Accurate for an ambient temperature between 18 and 28°C (with relative humidity below 80%)

CHARACTERISTICS OF THE THERMOCOUPLE PROBE K

Temperature range	From -40 to +400°C
Display range	From -50 to +1370°C
Resolution	0.1°C
Accuracy	±1.5% of the reading ±3°C
Cable length	1 m



The devices meet the following standards 1992, electromagnetic emissions
EN 50081-1: 1992, electromagnetic interference
EN 50082-1: 1992, electromagnetic susceptibility