



NP10 Series

SENTTEST.com

Wide temperature range.

Providing professional IR sensors for different applications.



Infrared Thermometer

- Optical resolution up to 15:1
- IP 67 waterproof, washable ABS housing
- USB interface and graphic software
- Laser aiming
- Visual and acoustic HIGH and LOW alarm
- 4 digit backlit LCD display
- SOnline Software



General Specifications

Protective Structure	IP 67 (waterproof)
Ambient Temperature	0°C to 50°C
Storage Temperature	-20 °C to 60°C Without battery
Relative Humidity	10 to 95%, non-condensing @ up to 30°C
Dimensions	143(L) x 51(W) x 35(H) mm
Weight	120g

Electrical Specifications

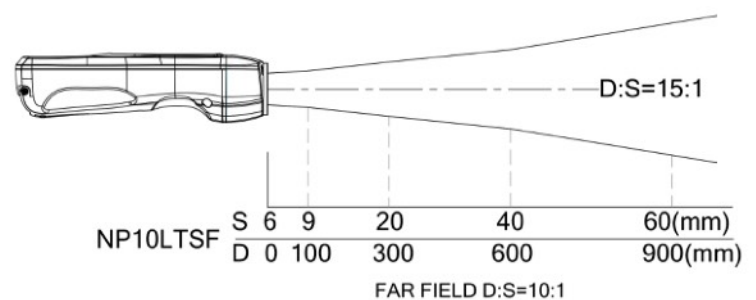
Digital Output	USB
Display	4 digit backlit LCD display
Power Supply	2 x AAA alkaline batteries
Battery life time	20 hours (laser on) 40 hours (laser off)

Measurement

Temperature Range	-30°C ~ 600°C (-22°F ~ 1112°F)
Spectral Response	8 ~ 14μm
Optics Resolution (90% energy)	15 : 1
Accuracy*1	±1% of reading or ±1°C, whichever is greater
Repeatability*1	±0.5% of reading or ±0.5°C, whichever is greater
Sighting	Laser, IEC Class2/FDA Class II (<1mW)
Response Time (95% signal)	300 ms
Emissivity (adjustable)	0.10 ~ 1.00 (adjustable)
Temperature Resolution	0.1°C
Alarm functions	Visual and acoustic HIGH and LOW alarm
Software	STonline

*1 At 23°C ± 5°C, emissivity = 0.95

Optical Specifications



Specifications are subject to change without notice
NP10-E23-A

SENTES Instruments Corporation Ltd.
1F., No. 43, Ln. 80, Guangfu N. Rd., Songshan Dist.,
Taipei City 105035, Taiwan
Tel : +886-2-2579-5079, Fax : +886-2-2579-5297
www.sentest.com