

Portable Non-contact thermometer

Wide temperature range,
Long focus & View finder

THERMO-HUNTER®

VF-3000

600 to 2000°C (2-color mode)

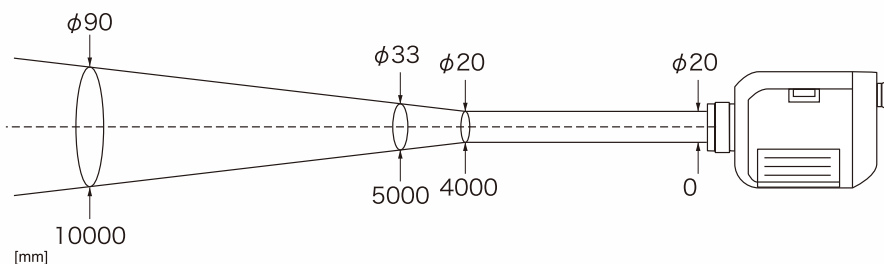
400 to 3000°C (Single color mode)



Features

- Repeatability $\pm 1^{\circ}\text{C}$
- Optical resolution $\phi 20\text{mm}/4000\text{mm}$
- Response time 200sec
- Continuous measuring mode
- Audible/Visible High/Low alarm
- Light weight 350g

Optical Specifications



※ The optical resolution values stated above are at 90% energy.

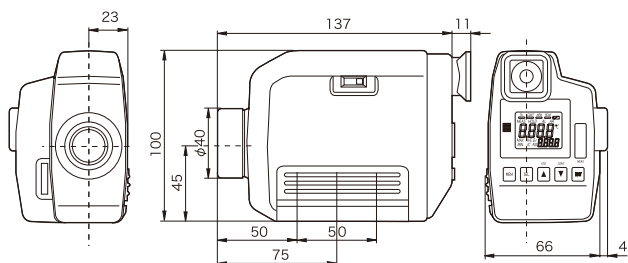
※ The size of the measuring object should be sufficiently larger than the spot size.

Specifications

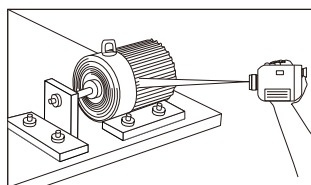
Model	VF-3000
Temperature range	600 to 2000°C (2-color), 400 to 3000°C (single color)
Optical resolution	φ20mm/4000mm
Sensing element/Spectral response	Si/InGaAs / 0.9, 1.55μm
Accuracy (ε ± 0.95)	Less than 1000°C: ±6°C 1000 to 1500°C: ±0.6% of reading
	1500 to 2000°C: ±1.2% of reading Higher than 2000°C: ±2.4% of reading
Repeatability	±1°C
Response time	0.2sec
Temperature resolution	1°C
Emissivity adjustment (ε)	0.100 to 1.900
Measuring mode	Maximum, Minimum, Average Peak, Delay (Single modulation)
Continuous measuring mode	ON/OFF selectable
Alarm functions	High/Low alarm
Display back-light	Available
Data logging	100 point
Power supply	AA (UM-3) alkaline battery x 2pcs
Battery life	30 hours (for continuous measurement)
Ambient temperature	0 to 50°C
Sighting	Direct viewing finder
Weight	350g (without battery)

*Specifications subject to change without notice.

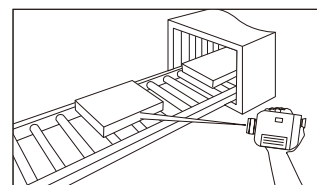
Dimensions



Applications



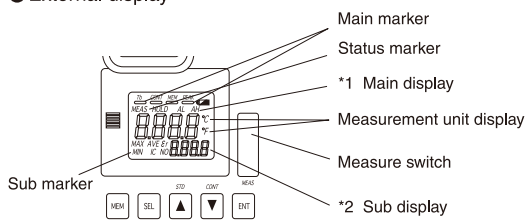
heat check for equipments



metal temperature coming from furnace.

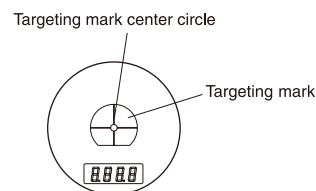
Displays

● External display



*1. Main display: Displays a measured value in the measurement mode or a setting value in the setting mode.
 *2. Sub display: Displays the data selected by [SEL] key in the measurement mode or a mode in the setting mode.

● View finder



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