

ETHOS 4625 SPECIFICATION

Field of View

The meter's field of view is 8:1, meaning that if the meter is 8 inches from the target, the diameter of the object under test must be at least 1 inch. Other distances are shown below in the field of view diagram. Refer to the chart printed on the meter for more information.

General Specification

Response Rate	0.5 second approx.
Operating Temperature	32°F to 122°F (0°C to 50°C)
Operating Humidity	Max. 80% RH.
Power Supply	9V battery
Weight	182g
Size	164 x 50 x 40mm
Range	-30 to 550°C/-22 to 1022°F
Output	1mV / 1oC or 1 oF
Accuracy	± 2% of reading or ± 4oF (2°C) whichever is greater. Note: Accuracy is specified for the following ambient temperature range: 64 to 82°F (18 to 28°C)
Emissivity	0.95 fixed value
Field of View	D/S = Approx. 8:1 ratio (D = distance, S = spot) (Has 90% encircled energy at the focal point)
Laser power	Less than 1mW
Spectral response	6 to 14 μm (wavelength)

