

Infrared Thermometers

	422	423	424	425
Temperature Range:	-60° to 500°C (-76° to 932°F)	-60° to 625°C (-76° to 1157°F)	-60° to 900°C (-76° to 1600°F)	-60° to 1000°C (-76° to 1832°F)
Accuracy:	±2°C (±4°F)	±2°C (±4°F)	±2°C (±4°F)	±2°C (±4°F)
Resolution:	0.1°	0.1°	0.1°	0.1°
Ambient Operating Range:	0° to 50°C (32° to 122°F)	0° to 50°C (32° to 122°F)	0° to 50°C (32° to 122°F)	0° to 50°C (32° to 122°F)
Laser:	8-point	8-point	Dual Dot	Dual Dot
Distance to Spot (D:S):	12:1	16:1	35:1	50:1
Emissivity:	0.95 Fixed	Default 0.95 - adjustable from 0.10 to 1.00	Default 0.95 - adjustable from 0.10 to 1.00	Default 0.95 - adjustable from 0.10 to 1.00
Storage Temperature:	-20° to 65°C (-4° to 149°F) (without battery)	-20° to 65°C (-4° to 149°F) (without battery)	-20° to 65°C (-4° to 149°F) (without battery)	-20° to 65°C (-4° to 149°F) (without battery)
Power:	(2) 1.5V AAA (included)	(2) 1.5V AAA (included)	(2) 1.5V AAA (included)	(2) 1.5V AAA (included)
Dimensions:	41 mm x 140 mm x 184 mm (1.625" x 5.5" x 7.25")	41 mm x 140 mm x 184 mm (1.625" x 5.5" x 7.25")	197 mm x 48 mm x 203 mm (7.75" x 1.875" x 8")	197 mm x 48 mm x 203 mm (7.75" x 1.875" x 8")
Battery Life:	14 hrs typical/10 hrs continuous use with laser/ backlight on	14 hrs typical/10 hrs continuous use with laser/ backlight on	18 hrs typical/14 hrs continuous use with laser/ backlight on	18 hrs typical/14 hrs continuous use with laser/ backlight on
Weight:	227 g (8 oz)	229 g (9 oz)	454 g (1 lb) w/ stand	454 g (1 lb) w/ stand
Regulatory Listings:	CE RoHS	CE RoHS	CE RoHS	CE RoHS
Warranty:	1 year	1 year	1 year	1 year

422 Gun-style Infrared with Laser Sighting



(D:S)
12:1

423 Gun-style Infrared with Laser Sighting Accepts Type K Thermocouple probes



(D:S)
16:1

424 Gun-style Infrared with Laser Sighting

- Measures min, max, average & differential temps
- Programmable HI/LO alarms
- Built-in, high-intensity LED flashlight
- Magnetic stand
- ABS carrying case



(D:S)
35:1

D:S (Distance to Spot Ratio)

The further away from the object, the larger the surface area measured. Optical resolution is expressed as a ratio of the distance to the resolution spot divided by the diameter of the spot.

