



AS842A

Infrared Thermometer



AS852B

Infrared Thermometer



AS862A

Infrared Thermometer

SPECIFICATIONS	AS842A	AS852B	AS862A
Measuring range	-50°C~600°C (-58°F~1112°F)	-50°C~750°C (-58°F~1382°F)	-50°C~900°C (-58°F~1652°F)
Accuracy	-50°C~-32°C(-58°F~-25.6°F): ±3°C / -32°C~0°C(-25.6°F~32°F): ±2°C 0°C~100°C(32°F~212°F): ±2°C / above 100°C: ±2%		
Distance spot ratio	12: 1	12: 1	12: 1
Emissivity	0.1~ 1 adjustable	0.1~ 1 adjustable	0.1~ 1 adjustable
Resolution	0.1°C / 0.1°F	0.1°C / 0.1°F	0.1°C / 0.1°F
Spectral response	(8-14)μm&500ms	(8-14)μm&500ms	(8-14)μm&500ms
Repeatability	±1%°C / ±1°C	±1%°C / ±1°C	±1%°C / ±1°C
°C/°F Conversion	√	√	√
Data-hold	√	√	√
Laser positioning	√	√	√
Backlit display	√	√	√
Auto power-off	√	√	√
Max/Min/Avg value	√	√	√
Alarm settings	√	√	√
Data storage	12 groups	12 groups	12 groups
Storage temperature	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)
Relative humidity	10~95%RH	10~95%RH	10~95%RH
Storage temperature	-20°C~60°C (-4°F~104°F)	-20°C~60°C (-4°F~104°F)	-20°C~60°C (-4°F~104°F)
Power supply	9V battery	9V battery	9V battery
Product net weight	200g	200g	200g
Product size	112x44x183mm	112x44x183mm	112x44x183mm