

NON-CONTACT INFRARED THERMOMETER

Not-on-line type

Application:

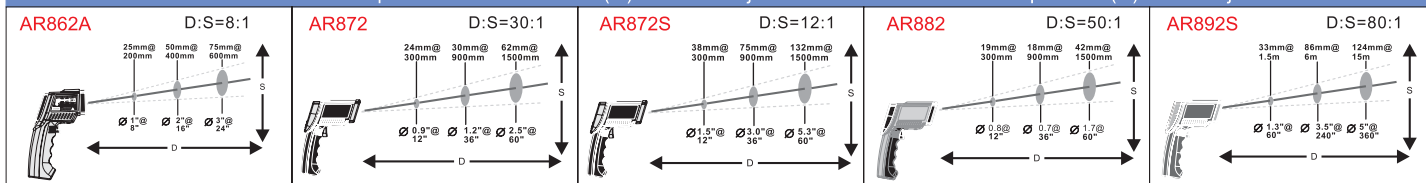
Mainly used in metallurgy, forging, petrochemicals, railways, electrical power, mechanical manufacturing and etc, fields.

How it works:

Infrared thermometer measures the surface temperature of an object. The unit's infrared sensor sense radiation energy which is collect and focused onto a detector. The unit translate the information into a temperature reading which is displayed on the unit. For increased ease and accuracy the laser pointer makes aiming even more precise.



Ratio of distance & spot D:S — the distance (D) from the object to be measured and the spot size (S) of the object



Technical Specifications

General Features & Specifications	AR-862A	AR-872	AR-872S	AR-882	AR-892S
Temperature Range	-50°C~850°C (-58°F~1562°F)	-50°C~1250°C (-58°F~2282°F)	-50°C~1050°C (-58°F~1922°F)	-50°C~1500°C (-58°F~2732°F)	-50°C~1850°C (-58°F~3362°F)
Accuracy	±1.5% or ±1.5°C	±1.5% or ±1.5°C	±1.5% or ±1.5°C	±1.5% or ±1.5°C	±1.5% or ±1.5°C
Distance Spot Ratio	8:1	30:1	12:1	50:1	80:1
Emissivity	0.95	0.10~1.00 adjustable	0.10~1.00 adjustable	0.10~1.00 adjustable	0.10~1.00 adjustable
Resolution	0.1°C or 0.1°F	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (≥1000°C)	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (≥1000°C)	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (≥1000°C)	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (≥1000°C)
Response Time & Wavelength	500ms & (8-14)um	500ms & (8-14)um	500ms & (8-14)um	500ms & (8-14)um	500ms & (8-14)um
Repeatability	±1% or ±1°C	±1% or ±1°C	±1% or ±1°C	±1% or ±1°C	±1% or ±1°C
Average & Difference Function	√	√	√	√	√
Max & Min Function	√	√	√	√	√
High Low Temperature Alarm Setup	√	√	√	√	√
Data Store/Recall Function	√	√	√	√	√
°C/°F Selection	√	√	√	√	√
Data Hold Function	√	√	√	√	√
Laser Target Pointer Selection	√	√	√	√	√
Backlight Display Selection	√	√	√	√	√
Auto Power Shut Off	√	√	√	√	√

Packing Information :

General Characteristics & Packing Information	AR-862A	AR-872	AR-872S	AR-882	AR-892S
Power	9V Alkaline Battery	9V Alkaline Battery	9V Alkaline Battery	9V Alkaline Battery	9V Alkaline Battery
Product Net Weight	210g	480g	480g	480g	480g
Product Size	175*100*49mm	220*134*60mm	220*134*60mm	220*134*60mm	220*134*60mm
Packing	Blister	Gift box	Gift box	Gift box	Gift box
Standard Quantity Per Carton	20	12	12	12	12
Standard Carton Size	53.0*52.5*29.5cm	52.5*45.5*34.0cm	52.5*45.5*34.0cm	52.5*45.5*34.0cm	52.5*45.5*34.0cm
Standard Carton Gross Weight	9.1kg	10.1kg	10.1kg	10.1kg	10.1kg