



Infrared  
Thermometer  
HF110  
34°C~ 45°C



Infrared  
Thermometer  
AS330  
-32°C~330°C



Infrared  
Thermometer  
AS530  
-32°C~550°C



Infrared  
Thermometer  
AS842A  
-50°C~600°C



Infrared  
Thermometer  
AS852B  
-50°C~750°C



Infrared  
Thermometer  
AS862A  
-50°C~900°C

SPECIFICATIONS	HF110	AS330	AS530
Measuring Range	34°C~45°C (93.2°F~113°F)	-32°C~330°C (-26°F~626°F)	-32°C~550°C (-26°F~1022°F)
Accuracy	±0.2°C	±2% or ±2°C	±2% or ±2°C
Distance Spot Ratio	1~10cm	12:1	12:1
Emissivity	pre-set 0.95	pre-set 0.95	pre-set 0.95
Resolution	0.1°C or 0.1°F	0.1°C or 0.1°F	0.1°C or 0.1°F
Wavelength & Response Time	1 sec	(8-14)µm&500ms	(8-14)µm&500ms
Repeatability	±0.1°C	±1% or ±0.1°C	±1% or ±0.1°C
°C / °F Selection	√	√	√
Data Hold Function	√	√	√
Laser Target Pointer	---	√	√
Backlight Display	√	√	√
Auto Power Off	√	√	√
Color Backlight Indication	√	---	---

**GENERAL CHARACTERISTICS & PACKING INFORMATION**

Power	9V battery	2*1.5V AAA batteries	2*1.5V AAA batteries
Product Net Weight	280g	130g	130g
Product Size	175 x 100 x 49mm	146 x 80 x 38mm	146 x 80 x 38mm
Packing	Blister	Blister	Blister
Standard Quantity / Carton	60	40	60
Standard Carton Size	56 x 26.5 x 46cm	52.5 x 40 x 49cm	56 x 26.5 x 46cm
Standard Carton Gross Weight	12.5kg	13.5kg	11.91kg

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	±2% or ±2°C	±2% or ±2°C	±2% or ±2°C
Distance Spot Ratio	12:1	12:1	12:1
Emissivity	0.10~1.00 adjustable	0.10~1.00 adjustable	0.10~1.00 adjustable
Resolution	0.1°C or 0.1°F (<1000°C)		
Wavelength & Response Time	(8-14)µm&500ms	(8-14)µm&500ms	(8-14)µm&500ms
Repeatability	±1% or ±1°C	±1% or ±0.1°C	±1% or ±1°C
°C / °F Selection	√	√	√
Avg & Dif Measuring	√	√	√
Max & Min Measuring	√	√	√
High / Low Temp. Alarm Setup	√	√	√
Data Hold Function	√	√	√
Backlight Display	√	√	√
Laser Target Pointer	√	√	√
Auto Power Off	√	√	√
Data Storage	12 groups	12 groups	12 groups

**GENERAL CHARACTERISTICS & PACKING INFORMATION**

Power	9V battery	9V battery	9V battery
Product Net Weight	170g	170g	170g
Product Size	175 x 100 x 49mm	175 x 100 x 49mm	175 x 100 x 49mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	24	24	24
Standard Carton Size	46x 45.5 x 55cm	46x 45.5 x 55cm	46x 45.5 x 55cm
Standard Carton Gross Weight	19.5kg	19.5kg	19.5kg

# Infrared Thermometer



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SPECIFICATIONS	AS872D	AS872	AS882
Measuring Range	-18°C~1150°C (0°F~2102°F)	-18°C~1350°C (0°F~2462°F)	-18°C~1650°C (0°F~3002°F)
Accuracy	±2%or±2°C	±2%or±2°C	±2%or±2°C
Distance Spot Ratio	50:1		
Emissivity	0.10~1.00 adjustable		
Resolution	0.1°C or 0.1°F(<1000°C) 1°C or 1°F(≥1000°C)		
Wavelength & Response Time	(8-14)um&500ms	(8-14)um&500ms	(8-14)um&500ms
Repeatability	±1%or±1°C	±1%or±1°C	±1%or±1°C
°C / °F Selection	√	√	√
Avg & Dif Measuring	√	√	√
Max & Min Measuring	√	√	√
High/Low Temp Alarm Setup	√	√	√
Data Hold Function	√	√	√
Backlight Display	√	√	√
Laser Target Pointer	√	√	√
Auto Power Off	√	√	√
Data Storage	200 groups	200 groups	200 groups
USB data connection	√	√	√
External power supply	√	√	√

## GENERAL CHARACTERISTICS & PACKING INFORMATION

	AS872D	AS872	AS882
Power	9V battery	9V battery	9V battery
Product Net Weight	370g	370g	370g
Product Size	205 x 155 x 62mm	205 x 155 x 62mm	205 x 155 x 62mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	12	12	12
Standard Carton Size	52 x 33.5 x 47cm	52 x 33.5 x 47cm	52 x 33.5 x 47cm
Standard Carton Gross Weight	17kg	17kg	17kg

SPECIFICATIONS	AS882A	AS892	AF110A
Measuring Range	200°C~1850°C (392°F~3362°F)	200°C~2200°C (392°F~3992°F)	Body : 30°C~ 45°C Surface : 25°C~ 60°C
Accuracy	±2%or±2°C		±0.2°C
Distance Spot Ratio	80:1		5~10cm
Emissivity	0.10~1.00 adjustable		pre-set 0.95
Resolution	0.1°C or 0.1°F(<1000°C)	1°C or 1°F(≥1000°C)	0.1°C
Wavelength & Response Time	(0.9-1.7)um&500ms		1 sec
Repeatability	±1%or±1°C	±1%or±1°C	±0.1°C
°C / °F Selection	√	√	√
Avg & Dif Measuring	√	√	---
Max & Min Measuring	√	√	---
High/Low Temp Alarm Setup	√	√	---
Data Hold Function	√	√	---
Backlight Display	√	√	√
Laser Target Pointer	√	√	√
Auto Power Off	√	√	√
Data Storage	4000 groups	4000 groups	---
Temperature data acquisition and analysis	√	√	---
USB Data Connection	√	√	---
External power supply	√	√	---

## GENERAL CHARACTERISTICS & PACKING INFORMATION

	AS882A	AS892	AF110A
Power	9V battery	4*1.5V AA batteries	2*1.5V AAA batteries
Product Net Weight	370g	370g	130g
Product Size	205 x 155 x 62mm	205 x 155 x 62mm	146 x 80 x 38mm
Packing	Gift box	Gift box	Blister
Standard Quantity / Carton	12	12	60
Standard Carton Size	52 x 33.5 x 47cm	52 x 33.5 x 47cm	56 x 26.5 x 46cm
Standard Carton Gross Weight	17kg	17kg	10.7kg



Infrared Thermometer  
AS872D  
-18°C~1150°C



Infrared Thermometer  
AS872  
-18°C~1350°C



Infrared Thermometer  
AS882  
-18°C~1650°C



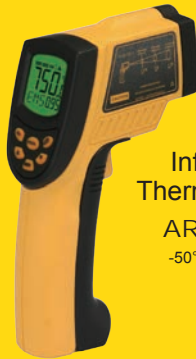
Infrared Thermometer  
AS882A  
200°C~1850°C



Infrared Thermometer  
AS892  
200°C~2200°C



Infrared Thermometer  
AF110A  
30°C~45°C



Infrared Thermometer  
AR852B+  
-50°C~700°C



Infrared Thermometer  
AR842A+  
-50°C~600°C



Infrared Thermometer  
AR862A+  
-50°C~900°C



Infrared Thermometer  
AR862D+  
-50°C~1000°C



Infrared Thermometer  
AR872+  
-18°C~1350°C



Infrared Thermometer  
AR872D+  
-50°C~1150°C

SPECIFICATIONS	AR842A+	AR852B+	AR862A+
Measuring Range	-50°C~600°C (-58°F~1112°F)	-50°C~700°C (-58°F~1292°F)	-50°C~900°C (-58°F~1652°F)
Accuracy	±2%or±2°C	±2%or±2°C	±2%or±2°C
Distance Spot Ratio	12:1	12:1	12:1
Emissivity	0.10~1.00 adjustable		
Resolution	0.1°C or 0.1°F (<1000°C)		
Wavelength & Response Time	(8-14)µm&500ms	(8-14)µm&500ms	(8-14)µm&500ms
Repeatability	±1%or±1°C	±1%or±1°C	±1%or±1°C
°C/°F Selection	√	√	√
Avg & Dif Measuring	√	√	√
Max & Min Measuring	√	√	√
High /Low Temp. Alarm Setup	√	√	√
Data Hold Function	√	√	√
Backlight Display	√	√	√
Laser Target Pointer	√	√	√
Auto Power Off	√	√	√
Data Storage	12 groups	12 groups	12 groups

GENERAL CHARACTERISTICS & PACKING INFORMATION			
Power	9V battery	9V battery	9V battery
Product Net Weight	210g	210g	210g
Product Size	175 x 100 x 49mm	175 x 100 x 49mm	175 x 100 x 49mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	20	20	20
Standard Carton Size	45 x 32 x 55cm	45 x 32 x 55cm	45 x 32 x 55cm
Standard Carton Gross Weight	14.28kg	14.28kg	14.28kg

SPECIFICATIONS	AR862D+	AR872D+	AR872+
Measuring Range	-50°C~1000°C (-58°F~1832°F)	-50°C~1150°C (-58°F~2102°F)	-18°C~1350°C (0°F~2462°F)
Accuracy	±2%or±2°C	±2%or±2°C	±2%or±2°C
Distance Spot Ratio	20:1	20:1	50:1
Emissivity	0.10~1.00adjustable	0.10~1.00adjustable	0.10~1.00adjustable
Resolution	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)
Wavelength & Response Time	(8-14)µm&500ms	(8-14)µm&500ms	(8-14)µm&500ms
Repeatability	±1%or±1°C	±1%or±1°C	±1%or±1°C
°C/°F Selection	√	√	√
Avg & Dif Measuring	√	√	√
Max & Min Measuring	√	√	√
High /Low Temp. Alarm Setup	√	√	√
Data Hold Function	√	√	√
Data Hold Function	√	√	√
Backlight Display	√	√	√
Laser Target Pointer	√	√	√
Auto Power Off	√	√	√
Data Storage	12 groups	12 groups	12 groups

GENERAL CHARACTERISTICS & PACKING INFORMATION			
Power	9V battery	9V battery	9V battery
Product Net Weight	480g	480g	480g
Product Size	200 x 155 x 59mm	200 x 155 x 59mm	200 x 155 x 59mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	12	12	12
Standard Carton Size	52 x 33.5 x 47cm	52 x 33.5 x 47cm	52 x 33.5 x 47cm
Standard Carton Gross Weight	13.42kg	13.18kg	13.18kg

# Infrared Thermometer



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SPECIFICATIONS	AF110	AR320	AR300+
Measuring Range	30°C~45°C (86°F~113°F)	-32°C~380°C (-26°F~716°F)	-32°C~400°C (-26°F~752°F)
Accuracy	±0.2°C	±2% or ±2°C	±2% or ±2°C
Distance Spot Ratio	1~5cm	12:1	12:1
Emissivity	pre-set 0.95	pre-set 0.95	0.10~1.00 adjustable
Resolution	0.1°C	0.1°C or 0.1°F	0.1°C or 0.1°F
Wavelength & Response Time	1~2 Sec	(8-14)um&500ms	(8-14)um&500ms
Repeatability	±1%or±0.1°C	±1%or±0.1°C	±1%or±0.1°C
°C / °F Selection	√	√	√
Data Hold Function	√	√	√
Laser Target Pointer	---	√	√
Backlight Display	√	√	√
Auto Power Off	√	√	√
High Temperature Alarm Setup	√	---	---

## GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	9V battery	2*1.5V AAA batteries	9V battery
Product Net Weight	130g	130g	130g
Product Size	146 x 80 x 38mm	146 x 80 x 38mm	146 x 80 x 38mm
Packing	Gift box	B blister	B blister
Standard Quantity / Carton	40	60	60
Standard Carton Size	52.5 x 40.0 x 49cm	56 x 26.5 x 46cm	56 x 26.5 x 46cm
Standard Carton Gross Weight	21.32kg	10.36kg	12.5kg

SPECIFICATIONS	AR350+	AR330	AR550
Measuring Range	-50°C~480°C (-58°F~896°F)	-32°C~330°C (-26°F~626°F)	-32°C~550°C (-26°F~1022°F)
Accuracy	±1.5% or ±1.5°C	±2% or ±2°C	±2% or ±2°C
Distance Spot Ratio	12:1	12:1	12:1
Emissivity	0.10~1.00adjustable	pre-set 0.95	pre-set 0.95
Resolution	0.1°C or 0.1°F	0.1°C or 0.1°F	0.1°C or 0.1°F
Wavelength & Response Time	(8-14)um&500ms	(8-14)um&500ms	(8-14)um&500ms
Repeatability	±1%or±0.1°C	±1%or±0.1°C	±1%or±0.1°C
°C / °F Selection	√	√	√
Data Hold Function	√	√	√
Laser Target Pointer	√	√	√
Backlight Display	√	√	√
Auto Power Off	√	√	√

## GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	9V battery	2*1.5V AAA batteries	2*1.5V AAA batteries
Product Net Weight	130g	130g	130g
Product Size	146 x 80 x 38mm	146 x 80 x 38mm	146 x 80 x 38mm
Packing	Gift box	B blister	B blister
Standard Quantity / Carton	40	60	60
Standard Carton Size	51 x 34 x 46cm	56 x 26.5 x 46cm	56 x 26.5 x 46cm
Standard Carton Gross Weight	11.87kg	10.9kg	10.9kg



Infrared Thermometer

AF110

30°C~45°C



Infrared Thermometer

AR300+

-32°C~400°C



Infrared Thermometer

AR330

-32°C~330°C



Infrared Thermometer

AR320

-32°C~380°C



Infrared Thermometer

AR350+

-50°C~480°C



Infrared Thermometer

AR550

-32°C~550°C

# Infrared Thermometer



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SPECIFICATIONS	AR882+	AR882A+	AR892+
Measuring Range	-18°C~1650°C (0°F~3002°F)	200°C~1850°C (392°F~3362°F)	200°C~2200°C (392°F~3992°F)
Accuracy	±2%or±2°C	±2%or±2°C	±2%or±2°C
Distance Spot Ratio	50:1	80:1	80:1
Emissivity	0.10~1.00adjustable		
Resolution	0.1°C or 0.1°F(<1000°C); 1°C or 1°F(≥1000°C)		
Wavelength & Response Time	(8-14)um&500ms	(0.9-1.7)um&500ms	(0.9-1.7)um&500ms
Repeatability	±1%or±1°C	±1%or±1°C	±1%or±1°C
°C/°F Selection	√	√	√
Avg & Dif Measuring	√	√	√
Max & Min Measuring	√	√	√
High /Low Temp. Alarm Setup	√	√	√
Data Hold Function	√	√	√
Backlight Display	√	√	√
Laser Target Pointer	√	√	√
Auto Power Off	√	√	√
Data Storage	200 groups	4000 groups	4000 groups
Temperature data acquisition and analysis	√	√	√
RS232 Data Connection	√	√	√
External power supply	√	√	√

## GENERAL CHARACTERISTICS & PACKING INFORMATION

	AR882+	AR882A+	AR892+
Power	9V battery	9V battery	9V battery
Product Net Weight	480g	480g	480g
Product Size	200 x 155 x 59mm	200 x 155 x 59mm	200 x 155 x 59mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	12	12	12
Standard Carton Size	52 x 33.5 x 47cm	52 x 33.5 x 47cm	52 x 33.5 x 47cm
Standard Carton Gross Weight	14.15kg	14.47kg	14.15kg

## Digital Probe-type Thermometer

SPECIFICATIONS	AR212
Measuring Range	-50°C~300°C (-58°F~572°F)
Accuracy	±1°C
Resolution	0.1°C
Operation Temperature	-10°C~60°C
°C/°F Selection	√

## GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	3V(CR2032)
Product Net Weight	60g
Product Size	230 x 35 x 19mm
Packing	Blister
Standard Quantity / Carton	300
Standard Carton Size	62.5 x 30 x 54.5cm
Standard Carton Gross Weight	8kg

## SPECIFICATIONS

	AR922+
Measuring Range	200°C~2500°C (392°F~4532°F)
Accuracy	±2%or±2°C
Distance Spot Ratio	80:1
Emissivity	0.10~1.00adjustable
Resolution	0.1°C or 0.1°F(<1000°C) 1°C or 1°F(≥1000°C)
Wavelength & Response Time	(0.9-1.7)um&500ms
Repeatability	±1%or±1°C
°C/°F Selection	√
Avg & Dif Measuring	√
Max & Min Measuring	√
High /Low Temp. Alarm Setup	√
Data Hold Function	√
Data Hold Function	√
Backlight Display	√
Laser Target Pointer	√
Auto Power Off	√
Data Storage	4000 groups
Temperature data acquisition and analysis	√
RS232 Data Connection	√
External power supply	√

## GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	9V battery
Product Net Weight	480g
Product Size	200 x 155 x 59mm
Packing	Aluminum Box
Standard Quantity / Carton	3
Standard Carton Size	39.5 x 38.5 x 33.5cm
Standard Carton Gross Weight	7.93kg



Infrared Thermometer  
AR882+  
-18°C~1650°C



Infrared Thermometer  
AR882A+  
200°C~1850°C



Infrared Thermometer  
AR892+  
200°C~2200°C



Infrared Thermometer  
AR922+  
200°C~2500°C

## Digital Probe-type Thermometer

AR212  
-50°C~300°C

