Professional Instrument Manufacturer

Xintai Instrument

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Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

Specification

Model	HT-02	HT-02D
Display	2.4" Color display	2.4" Color display
Resolution	60×60	32×32
Total pixels	3600	1024
FOV/Shortest focal length	20°×20°/0.5m	33°×33°
Thermal sensitivity	0.15℃	
Measuring mode	Infrared focal plane measuring temperature	
Temperature range	-20℃~300℃(-4℉~572℉)	
Measuring accuracy	±2% digital/±2℃	
Wavelength range	8~14μm	
Image frequency	6Hz	
Emissivity	0.1-1.0 Adjaseble	
Focus Mode	Fixed	
Palette	Iron colon,rainbow,black and white	
Image Storage	card(4G)	
File Format	bmp	
Set control	unit adjustment/Language/date time	
	Format/automatic shutdown	
Battery type	4*AA alkaline batteries	
Operating temperature	5℃~40℃	
Storage temperature	-20℃~50℃	
Humidity	10%RH to 80%RH	
Vibration	2G,IEC 60068-2-6	
Size	230×80×52mm	
Weight	320g	
Waterproof rating	IP65	

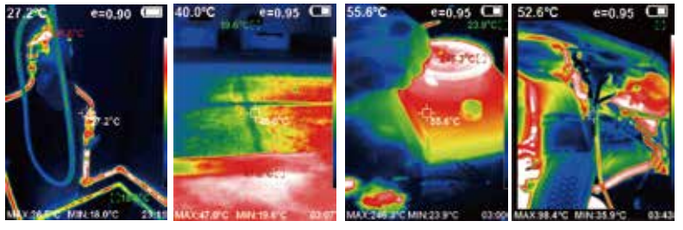
HT-02/02D

Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical,Archaeological,transport,,Agriculture and so on.

Specification

Model	HT-03	HT-04
Display	2.8" Color display	2.8" Color display
Resolution	120×90	220×160
Total pixels	10800	35200
FOV/Shortest focal length	39°×31°/0.15m	35°×27°/0.15m
Thermal sensitivity	0.07℃	0.07℃
Image frequency	30Hz	9Hz
Measuring mode	Infrared focal plane measuring temperature	
Temperature range	-20℃~300℃(-4℉~572℉)	
Measuring accuracy	±2% digital/±2℃	
Wavelength range	8~14μm	
Emissivity	0.1-1.0 Adjustable	
Focus Mode	Fixed	
Palette	Iron color,rainbow,black and white	
Image Storage	card(3G)	
File Format	HT-03: *.BMP ; HT-04: *.JPG	
Set control	unit adjustment/Language/date time	
	Format/automatic shutdown	
Power supply	Built-in chargeable 18650 battery	
Operating temperature	0℃~50℃	
Storage temperature	-20℃~60℃	
Humidity	<85%RH	
Vibration	2G,IEC 60068-2-6	
Waterproof rating	IP67	
Size	226×91.5×71.6mm	
Weight	410g	



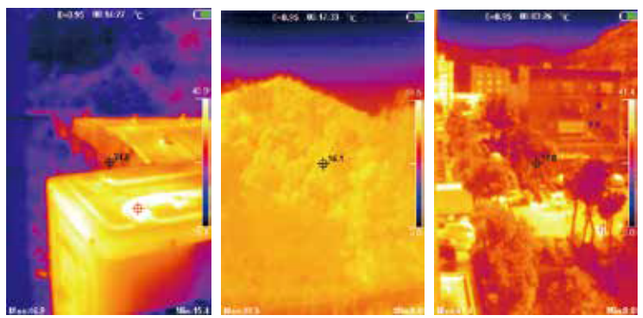
HT-03/04

Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical,Archaeological,transport,,Agriculture and so on.

Specification

Model:	HT-08	HT-09
Resolution:	220×160	320×240
Thermal sensitivity	0.08℃	0.08℃
Viewing or angle/	27°	26°
Minimum distance imaging	35°	34°
Space resolution	3mrad	
Focus model	Manually focus	
Sensor type	Uncooled focal plane	
Worling wave band	8~14μm	
Measuring range	-20℃~300℃	
Measuring accuracy	±2% or ±2℃	
Measuring calibration	0.1~1.0 Adjustable	
Visible light camera	Built-in	
Color palette	5	
Screen specification	3.5" TFT Screen	
Image storage	4GB	
Language	Chinese and English	
File format	*.JPG	
Working environment temperature	-15℃~50℃	
Storage environment temperature	-20℃~60℃	
Humidity	85%RH(Non condensation)	
Battery	Li battery available	



HT-08/09

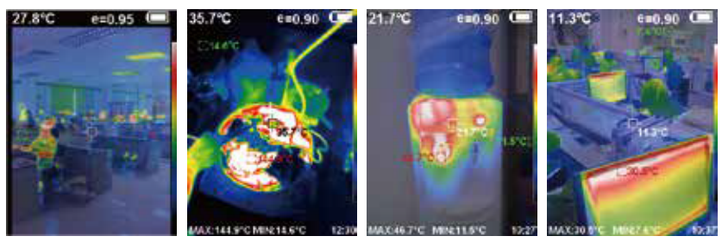
Thermal Imaging Camera

Thermal Imaging Camera is widely used in the Medicine, archaeology,transport,agriculture and so on.

Specification

Display	3.2" Color display
Resolution	120×90
Total pixels	10800
FOV/Shortest focal length	39°×31°
Thermal sensitivity	0.07℃
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20℃~300℃(-4℉~572℉)
Measuring accuracy	±2% digital/ ±2℃
Wavelength range	8~14μm
Image freauency	30Hz
Emissivity	0.01-1.0
Focus Mode	Fixed
Palette	rainbow,black and white
Set control	Unit Adjustment/language/Date Time
	Format/automatic shutdown
Battery type	3.7V rechargeable Li-ion polymer battery
Operating temperature	0℃~50℃
Storage temperature	-20℃~60℃
Humidity	<85%RH
Image storage	4G
Size	225×92×90mm
Weight	380g

HT-17



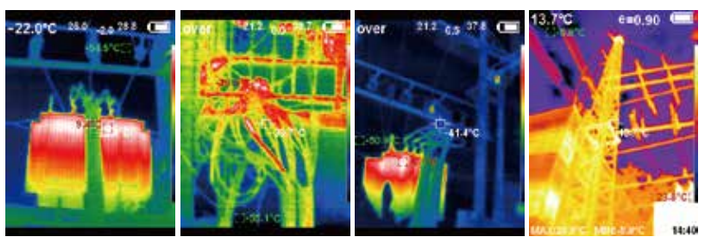
Thermal Imaging Camera

Thermal Imaging Camera is widely used in the Medicine, archaeology,transport,agriculture and so on.

Specification

Model	HT-18	HT-19
Display screen	3.2 ″ full angle TFT display screen	3.2 ″ full angle TFT display screen
Infrared image resolution	220*160	320*240
visible image resolution	300,000 pixel	300,000 pixel
Field angle/shortest focus length	27°x35°/0.15m	26°x34°/ 0.15m
Thermal sensitivity	0. 07℃	
Temperature measurement range	−20℃ to 300℃ (−4° F to 572° F)	
Measurement accuracy	±2% / ±2℃	
Emissivity	Adjustable from 0.01 to 1.0	
Frame rate of thermal images	9Hz	
Wavelength coverage	8-14um	
Focus mode	Fixed	
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black	
View option	The integration of thermal image with 25% step length and visible image.	
Storage medium	Built-in 3G (above 2 million image stored)	
File format	JPG	
USB	Micro USB 2.0	
Power supply	Built-in chargeable 18650 battery	
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically	
Product size(length × width × height)	90mm×105mm×223mm	
Product weight	389g	
Work temperature	0℃to 45℃	
Storage temperature	−20℃ to 60℃	
Relative humidity	< 85%RH	

HT-18/19



Thermal Imaging Camera

Thermal Imaging Camera is widely used in the Medical, Archaeological,transport,,Agriculture and so on.

Specification

Display	2.0" Color display
Resolution	32×32
Total pixels	1024
FOV/Shortest focal length	33°×33°
Thermal sensitivity	0.5℃
Measuring mode	Infrared focal plane measuring temperature
Temperature range	175: -20℃~300℃(-4℉~572℉)
Measuring accuracy	±2% digital/ ±2℃
Wavelength range	8~11.5μm
Image freauency	6Hz
Emissivity	0.1-1.0
Focus Mode	Fixed
Palette	iron oxide red and white glow
Battery type	3.7V rechargeable Li-ion polymer battery
Operating temperature	0℃~50℃
Storage temperature	-20℃~50℃
Humidity	<85%RH
Drop resistance	2m
Size	165×69×60mm
Weight	135g

HT-175

Cell Phone External Infrared Thermal Imager

The device is connected with phone via USB,and check the imagers on APP

Specification

Model:	HT-101	HT-201
Resolution:	220*160	320*240
Working Temperature:	-20～65℃	-20～65℃
Imager Onput Frame Rate	9Hz	9Hz
Operating Temperature:	0～50℃	0～50℃
Operating Humidity:	10%～80%RH	10%～80%RH
Power Supply:	Offered by phone	Offered by phone
Wavelength range:	7.5μm~14μm	
Measure range:	30m	
Temperature range:	-40～330℃	
Image Stroage:	Cell Pwore	
Fov/Shortest focal length:	35°	
App screen with multiple measure maye		
Support iphone 5 /Android 4.3above (with OTG function)		
Palette:white/black/rainbow/iron coloy		

HT-101/201

Mobile Phone Thermal Imager

This product is operated by the “Thermal Viewer” software on the mobile phone after connecting to the mobile phone of Android system. It is very simple to view the infrared image or measure the surface temperature of the objects, this product can be used for HVAC, building heat difference detection, equipment trouble shooting, preventive and predictive maintenance, etc.

Specification

Measurement	Environmental Conditions
Temperature range: -20 ˚C to 300 ˚C	Operation temperature range: 0 ˚C to 35 ˚C
Accuracy: ±3˚C or ±5% of reading	Storage temperature range: -20 ˚C to 60 ˚C
Resolution: 0.1 ˚C or 0.1 ˚F	
Working band: 8 – 14μm	
Pictures & Videos	
Horizontal viewing angle / vertical viewing angle: 33°×33°	
Infrared image resolution: 32x32	
Visible image resolution: 640x480	
Image format: png	
Video format: mp4	
Frame rate: 9Hz	
Focal length: fixed	
Miscellaneous	
Plug: USB Type-C	
Power supply: Power supply from external devices, such as Android phones	
Weight: 20g	
Size: 59.4mm×30.3mm×12mm	

HT-102

Infrared Imaging Monitoring

Application:Security and temperature controlared in Industrial Process.

Specification

Focus Way	by hand
Picture frame rate	50Hz
Detector type	microbolometer detector
Operate wave band	8~12um
Detector resolution	320*240
Palette	white hot,black hot,iron red, rainbow
Interface type	analog video interface
Video streaming	BT656
Power	3W
Voltage	9~12V
Operate temperature	-10~50℃
Storage temperature	-25~60℃
Humidity	95%
Weight	
Size	
Basic installation	1/4"tapping hole
Shell material	hard aluminum alloy

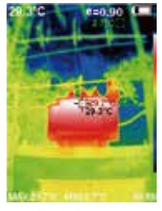
HT-118

Thermal Imaging Camera

Thermal Imaging Camera is widely used in the Medicine, archaeology,transport,agriculture and so on.

Specification

Model	HT-A1	HT-A2
Display screen	3.2 ″ full angle TFT display screen	3.2 ″ full angle TFT display screen
Infrared image resolution	220x160	320x240
visible image resolution	640x480(300,000 pixel)	640x480(300,000 pixel)
Field angle/shortest focus length	35°x26°/0.15mm	56°x42°/0.15mm
Thermal sensitivity	0. 07℃	
Temperature measurement range	−20℃ to 300℃ (−4° F to 572° F)	
Measurement accuracy	±2% / ±2℃	
Emissivity	Adjustable from 0.01 to 1.0	
Frame rate of thermal images	9Hz	
Wavelength coverage	8-14um	
Focus mode	Fixed	
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black	
View option	The integration of thermal image with 25% step length and visible image.	
Storage medium	Built-in 3G above 2 million image stored ）	
File format	JPG	
USB	Micro USB 2.0	
Power supply	Built-in chargeable 1800 battery	
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically	
Product size (length × width × height)	140mm×80mm×28mm	
Product weight	208g	
Work temperature	0℃to 45℃	
Storage temperature	−20℃ to 60℃	
Relative humidity	< 85%RH	


Rainbow

Iron oxide red

Cold color

White heat

Black heat

HT-A1/A2

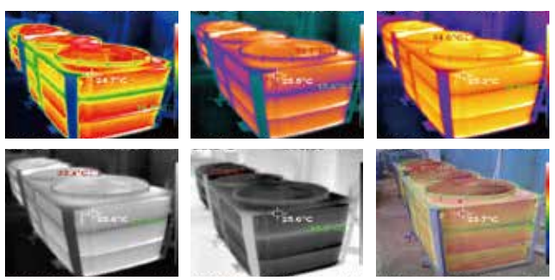
Thermal Imaging Camera

Thermal Imaging Camera is widely used in the Medicine, archaeology,transport,agriculture and so on.

HT-A8/A9

Specification

Model	HT-A8	HT-A9
Display screen	3.5 ″ full angle TFT display screen	3.5 ″ full angle TFT display screen
Infrared image resolution	220*160	320*240
visible image resolution	300,000 pixel	300,000 pixel
Field angle/shortest focus length	27°x35°/0.15m	26°x34°/ 0.15m
Thermal sensitivity	0. 07℃	
Temperature measurement range	−20℃ to 300℃ (−4° F to 572° F)	
Measurement accuracy	±2% / ±2℃	
Emissivity	Adjustable from 0.01 to 1.0	
Frame rate of thermal images	9Hz	
Wavelength coverage	8-14um	
Focus mode	Fixed	
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black	
View option	The integration of thermal image with 25% step length and visible image.	
Storage medium	Built-in 3G (above 2 million image stored)	
File format	JPG	
USB	Micro USB 2.0	
Power supply	Built-in chargeable 26650 battery	
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically	
Product size(length × width × height)	97mm×129mm×256mm	
Work temperature	0℃to 45℃	
Storage temperature	−20℃ to 60℃	
Relative humidity	< 85%RH	



Thermal Imager Digital Multimeter

Thermal Imaging Digital Multimeter - the first to feature full-featured true rms (TRMS)A digital multimeter (DMM) and thermal imager combined test tool,Ability to quickly troubleshoot problems.

Specification

Digital multimeter parameter

AC voltage accuracy	1.0%+3(45Hz~65Hz)
AC voltage range	600.0mV/6.000V/60.00V/600.0V/1000V
AC voltage volume resolution	0.1Mv/0. 001V/0.01V/01V/1V
DC voltage accuracy	0.09%+2
DC voltage range	600.0mV/6.000V/60.00V/600.0V/1000V
DC voltage volume resolution	0.1Mv/0.001V/0.01V/0.1V/1V
Resistance	Max 50 MΩ
Resistance accuracy	0.5%+2
Frequency	Max 100 kHz
Frequency accuracy	0.1%+1
Capacitance maximum range	9,999 uF
AC current (IFLEX) accuracy	3.0%+5(45Hz ~ 500Hz)
On/off test	Yes
Diode test	Yes
Minimum value/maximum value	Yes
Data holding	Yes

Infrared thermal imager parameter

Model:	HT-A10	HT-A11	HT-A12
Image resolution	220x160	120x90	80x60
Frame rate of thermal images	9Hz	15Hz	8Hz
FOV/Shortest focal length	36°×27°	50°×37°	36°×27°
Sensitivity (NETD)	≤100 mK	≤100 mK	≤100 mK
Wavelength range	8μm~14μm	8μm~14μm	8μm~14μm
Temperature range	-20℃~300℃(-4℉~572℉)		
Temperature accuracy	±2℃ or ±2%		
Emissivity	0.01~1.00 Adjaseble		
Storage space	3G		
File format	JPG		
General technical index			
Battery service life	Charging duration for 4 hours and using for 10 hours		
Dimension	172x82x55mm		
Warranty period	3 years		

HT-A10/A11/A12

Infrared thermal imaging night-vision device

Adopts advance non-cooled focal plane infrared detector and quality optical lenses as the core.

Specification

Model	HT-A3
Probe type	Uncooled focal plane
Resolution ratio	384x288 infrared focal plane
Focal length	19mm 25mm
Eyepiece	Single eyepiece display (the dioptric compensation is adjustable)
Field angle	35°x26°
Digital zoom	2 X 4 X 8 X
Wavelength coverage	8μm-14μm
Frame rate of thermal images	25Hz
Color palette	Rainbow/red heat/black heat
Focusing mode	Adjaseble
Image storage	BMP
Battery	Built-in rechargeable batteries
USB	Micro USB
Working time	6 hours
Power off time	5 minutes (Automatic power-off time)
Product weight	
Product size（length × height）	186x68 mm（with eye patch）
Work temperature	0℃– 45℃
Storage temperature	–20℃– 60℃

HT-A3

Infrared thermal imaging night-vision device

Adopts advance non-cooled focal plane infrared detector and quality optical lenses as the core.

Specification

Model	HT-220D	HT-320D
Probe type	Uncooled focal plane	Uncooled focal plane
Resolution ratio	220x160 infrared focal plane	320x240 infrared focal plane
Focal length	6.52mm	6.52mm
Eyepiece	Single eyepiece display (the dioptric compensation is adjustable)	Single eyepiece display (the dioptric compensation is adjustable)
Field angle	35°x26°	35°x26°
Digital zoom	2 X	2 X
Wavelength coverage	8μm-14μm	
Frame rate of thermal images	9Hz	
Color palette	Rainbow/red heat/black heat	
Focusing mode	Fixed	
Image storage	JPG	
Battery	Built-in rechargeable batteries	
USB	Micro USB	
Working time	3 hours	
Power off time	5 minutes (Automatic power-off time)	
Product weight	189g	
Product size（length × height）	133x55 mm（with eye patch）	
Work temperature	0℃– 45℃	
Storage temperature	–20℃– 60℃	

HT-220D/320D

Network Monitoring Thermal Imaging Camera

1. High and low、 abnormal alarm、 linkage control。
2. Manual control of the gimbal、automatic cruise。
3. Mobile phone、 computer video remote monitoring、automatic alarm。

Specification

Horizontal control speed	1-100°/s
Vertical control speed	1-60°/s
Horizontal rotation angle	±175°
Vertical rotation angle	-30°～+90°
Preset precision	0.1°
Number of presets	255 users can set presets
Resolution	About 30W pixels, 480P (640x480) or About 100W pixels, 720P HD (1280x800)
Detector type	Uncooled focal plane
Wavelength range	8~14μm
Resolution	220 x160
Filed angle	27°x35°
Focusing mode	Fixed focal length / minimum focal length 0.5m
Temperature range	-20℃~+450
Thermal sensitivity	0. 07℃
Image frame rate	9Hz
Temperature measurement accuracy	±2℃ or ±2%
Image storage format	JPG
Image fusion mode	Fusion（0%、25%、50%、75%、100%）
Storage medium	Built-in 3G or external TF card (maximum 64G)
Working temperature	0℃~ +50℃
Size	275mmx250mmx260mm

HT-E1

Unmanned aerial vehicle thermal Camera

Handheld Thermal Imaging Camera is widely used in the Medical,Archaeological,transport,,Agriculture and so on.

Specification

Resolution:	320×240(HT-X20) 640×480(HT-X21)
Thermal sensitivity	<50mk
Viewing or angle/Minimum distance imaging	26°×22°
Space resolution	1.13mrad(HT-X20). 0.68mrad(HT-X21).
Focus model	Auto focus
Sensor type	Uncooled focal plane
Wavelength range	8~14μm
Measuring range	-20℃~300℃(Extensible to 1500℃）
Measuring accuracy	±2% or ±2℃
Measuring calibration	Radiance 0.1~1.0
Color palette	6
Image storage	Standard 2GB SD card,Max 16GB
Language	Chinese and English
File format	BMP/JPG/AVI
Video output	PAL(50Hz)or NTSC (60Hz)composite video
Working environment temperature	-15℃~50℃
Storage environment temperature	-20℃~60℃
Humidity	95%RH(Non condensation)
Battery	Li battery available
Power adapter	7.2V DC output

HT-X20/X21

Non-Contact Body Infrared Thermometer

It can be used by consumers in household environment and doctor in clinic as reference

Specification

Body temperature range	36℃~42.9℃(97℉~109℉)
Operating temperature	16℃~40℃(61℉~104℉)
Accuracy	±0.3℃(±0.6℉)
Measuring distance	5~8cm
Surface temperature range	0℃~100℃(32℉~212℉)
Surface temperature accuracy	1℃(33.8℉)
Size	155×125×43mm
/Weight	156g
Accessories	9V battery,manual,black bag and gift box.

Different temperature range different backight,distinguished quickly.

HT-820D

Non-Contact Body Infrared Thermometer

It can be used by consumers in household environment and doctor in clinic as reference

Specification

Body temperature range	36℃~42.9℃(97℉~109℉)
Operating temperature	16℃~40℃(61℉~104℉)
Accuracy	±0.3℃(±0.6℉)
Measuring distance	5~8cm
Surface temperature range	0~100℃(32℉~212℉)
Surface temperature accuracy	1℃(33.8℉)
Size	150×123×40mm
Weight	144g
Accessories	2×1.5V AA battery,manual,black bag and gift box.

Different temperature range different backight,distinguished quickly.

HT-860D

Non-Contact Body Infrared Thermometer

It can be used by consumers in household environment and doctor in clinic as reference

Specification

Body temperature range	36℃~42.9℃(97℉~109℉)
Operating temperature	16℃~40℃(61℉~104℉)
Accuracy	±0.1℃(±0.2℉)
Measuring distance	5~8cm
Surface temperature range	0~100℃(32℉~212℉)
Surface temperature accuracy	1℃(33.8℉)
Size	140×83×40mm
Weight	98g
Accessories	2×1.5V AA battery,manual,black bag and gift box.

HT-880

Ear Infrared Thermometer

It can be used by consumers in household environment and doctor in clinic as reference

Specification

Body temperature range	32℃~42.9℃(95℉~109℉)
Surface temperature range	33.5℃-42℃
Surface temperature accuracy	±0.3℃/±0.6℉
Resolution	0.1℃/0.1℉
Operating temperature	5℃~40℃(41℉~104℉)
Operating Voltage	3V
Size	120×50×35mm
Weight	40g
Accessories	Battery,manual and gift box.

HT-208

Bluetooth Infrared Thermometer

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40℃~550℃(-40℉~1022℉)
Accuracy	±2% or ±2℃/±5℃
Resolution	0.1℃/℉
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-806

Bluetooth™

Infrared Thermometer

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40℃~380℃(-40℉~716℉)(HT-88A)
	-40℃~550℃(-40℉~1022℉)(HT-88C)
Accuracy	±2% or ±2℃/±5℉
Resolution	0.1℃/℉
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	180×107×40mm
Weight	180g
Accessories	battery,manual black bag and blister card.

HT-88A/88C

Temperature

Display

Compact Infrared Thermometer

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40℃~380℃(-40℉~716℉)(HT-822)
	-40℃~550℃(-40℉~1022℉)(HT-826)
Accuracy	±2% or ±2℃/±4℉
Resolution	0.1℃/℉
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	160×86×46mm
Weight	160g
Accessories	battery,manual black bag and gift box.

HT-822/826

Compact Infrared Thermometer

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40°C~450°C(-40°F~842°F)(HT-812) -40°C~650°C(-40°F~1202°F)(HT-816)
Accuracy	±2% or ±2°C/±4°F
Resolution	0.1°C/°F
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	180×107×40mm
Weight	130g
Accessories	9V battery,manual and blister card.

HT-812/816

Infrared Thermometer with Dual Laser Targeting

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50°C~650°C(-58°F~1202°F)(HT-817) -50°C~850°C(-58°F~1562°F)(HT-818) -50°C~1050°C(-58°F~1922°F)(HT-819)
Accuracy	±2% or ±2°C/±4°F
Resolution	0.1°C/°F
Response time	<1s
Optical Resolution	12:1
Emissivity	0.1~1.0 Adjustable
Operating Voltage	9V
Size	180×107×40mm
Weight	130g
Accessories	9V battery,manual and blister card.

HT-817/818/819

Non-contact High Temperature Infrared Thermometer

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50°C~1050°C(-58°F~1922°F)(HT-6885)
	-50°C~1300°C(-58°F~2372°F)(HT-6888)
	-50°C~1600°C(-58°F~2912°F)(HT-6889)
Accuracy	±2%
Resolution	0.1°C/°F
Operating temp	0°C~50°C(32°F~122°F)
Storage temp	-10°C~60°C(-14°F~140°F)
Response time	0.15s
Optical Resolution	50:1
Emissivity	Adjustable 0.10~1.0
Operating Voltage	9V
Size	260×155×54mm
Weight	283g
Accessories	battery,manual,Tripod and black box and gift box.

HT-6885/6888/6889

High Temperature Infrared Thermometer with Type K Input

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50℃~1350℃(-58℉~2462℉)(HT-6896)
	-50℃~1650℃(-58℉~3002℉)(HT-6897)
	-50℃~1800℃(-58℉~3272℉)(HT-6898)
	-50℃~2200℃(-58℉~3992℉)(HT-6899)
Accuracy	±2%
Resolution	0.1℃/℉
Type K Temp.Range	-50℃~1370℃(-58℉~2498℉)
Type K Temp.Resolution	0.1(≤2000℉）/1(≥2000℉)
Response time	<0.15s
Optical Resolution	50:1
Emissivity	Adjustable 0.10~1.0
Operating Voltage	9V
Size	260×155×54mm
Weight	295g
Accessories	battery,black bag,gift box ,black bag, Tripod and KType Temperature probe.

HT-6896/6897/6898/6899

High Temperature Infrared Thermometer with Type K Input

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50℃~550℃(58℉~1022℉)(HT-862) -50℃~880℃(58℉~1616℉)(HT-866) -50℃~1050℃(58℉~1922℉)(HT-868)
Accuracy	±2%
Resolution	0.1℃/℉
Type K Temp.Range	-50℃~1370℃(58℉~2498℉)
Type K Temp.Resolution	0.1(≤2000℉）/1(≥2000℉)
Response time	<1s
Optical Resolution	13:1(HT-862/866)/30:1(HT-868)
Emissivity	Adjustable 0.10~1.0
Operating Voltage	9V
Size	178.5×42×90.5mm
Weight	165g
Accessories	battery,black bag,gift box black bag and K Type Temperature probe.

HT-862/866/868

Temperature

Display

Compact Infrared Thermometer

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40℃~380℃(-40℉~716℉)
Accuracy	±2% or ±2℃/±4℉
Resolution	0.1℃/℉
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	160×86×46mm
Weight	142g
Accessories	battery,manual black bag and blister card.

HT-861

Mini IR Thermometer

It is used to be measure freezer,dishwasher and oven. ensure proper cooking,grilling and storage temperature.

Specification

Temperature range	-40˚C~300˚C(-40˚F~572˚F)
Accuracy	±2% or ±2˚C/±4˚F
Resolution	0.1˚C/˚F
Response time	<1s
Optical Resolution	6:1
Emissivity	Fixed at 0.95
Operating Voltage	2×1.5V
Size	95×55×30mm
Weight	74g
Accessories	battery,manual and blister card.

HT-290

Bluetooth Dual Temperature Meter

It is used for measuring temperature via probe,and it is usually used in industrial measurement.

Specification

Temperature range	Basic accuracy
-200˚C~1372˚C(-328˚F~2501˚F)	
T1,T2 above-100˚C(-148˚F)	±[0.15%rdg + 1˚C(1.8˚F)]
T1,T2 below-100˚C(-148˚F)	±[0.5%rdg + 2˚C(3.6˚F)]
T1-T2	±[0.5%rdg + 1˚C(1.8˚F)]
Type K temperature resolution	0.1˚C/˚F/K,<1000。 1˚C/˚F/K,>1000。
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitor	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-802

Bluetooth™

Thermocouple Thermometers

It is used for measuring temperature via probe,and it is usually used in industrial measurement.

Specification

Temperature range	Basic accuracy
-200℃~1372℃(-328℉~2501℉)	
T1,T2,T3,T4 above-100℃(-148℉)	±[0.15%rdg + 1℃(1.8℉)]
T1,T2,T3,T4 below-100℃(-148℉)	±[0.5%rdg + 2℃(3.6℉)]
Type K temperature resolution	0.1℃/℉/K,<1000。
	1℃/℉/K,>1000。
Size	200×85×38mm
Weight	230g
Accessories	9V battery,black bag,manual blister card and type K probe

HT-9815

Pipe Clamp Temperature Lead

It is used to clamp the object,measure the object temperature.

Specification

Operating temperature	-40℉ to 392℉(-40℃ to 200℃)
Clamp jaw opening	1~1.77 "(4.5cm)
Length	40 "(102cm)
Size	200×85×38mm
Weight	87g
Accessories	blister card

HT-05

Bluetooth Temperature And Humidity Meter

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Humidity range	0~100%RH
Temperature range	-20℃~80℃(-4℉~176℉)
Dew point temperature	(-20℃~80℃/-4℉~176℉)
Wet Bulb temperature	0℃~80℃/32℉~176℉)
Humidity accuracy	±3%RH(25℃,20%~80%RH).
	±2.5%RH(At other ranges)
Air temperature accuracy	±0.8℃/±0.9℉(25℃)
	±0.8℃/±1.5℉(At other ranges)
Resolution	0.01%RH,0.01℃/0.01℉
Response time	10S
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitor	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-801

Bluetooth™

HT-96

Temperature And Humidity Meter

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Humidity range	0~100%RH
Temperature range	-20℃~80℃(-4℉~176℉)
Dew point temperature	(-20℃~80℃/-4℉~176℉)
Wet Bulb temperature	0℃~80℃/32℉~176℉)
Humidity accuracy	±3%RH(25℃,20%~80%RH). ±4.5%RH(At other ranges)
Air temperature accuracy	±0.5℃/±0.9℉(25℃) ±0.8℃/±1.5℉(At other ranges)
Resolution	0.01%RH,0.01℃/0.01℉
Response time	10S
Size	185mm×56mm×41mm
Weight	100g(battery not included)
Accessories	9v battery,manual and blister card

Temperature And Humidity Meter

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Humidity range	0~100%RH
Temperature range	-30~100℃(-22℉~212℉)
Dew pint temperature	-30~100℃(-22℉~212℉)
Wet bulb temperature	(0~80℃/-32℉~176℉)
Humidity accuracy	±2%RH(25℃,20%-80%RH)
	±2.5%RH(All other ranges)
Air temperature accuracy	±0.5℃/±0.9℉(25℃)
	±0.8℃/±1.5℉(All other ranges)
Resolution	0.01%RH,0.01℃/0.01℉
Response time	10S
Battery type	9V Battery NEDA 1604,IEC 6F22
Operating temperature	32℉ to 104℉(-10℃ to 40℃) <80% RH
Storage temperature	14℉ to 140℉(-10℃ to 60℃) <80% RH
Size	228×55×33mm
Weight	192g
Accessories	9V battery,manual black bag and gift box.

HT-350

Temperature And Humidity Meter

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Humidity range	0~100%RH
Temperature range	-20℃~80℃(-4℉~176℉)
Dew point temperature	(-20℃~80℃/-4℉~176℉)
Wet Bulb temperature	0℃~80℃/32℉~176℉)
Humidity accuracy	±3%RH(25℃,20%~80%RH). ±4.5%RH(At other ranges)
Air temperature accuracy	±0.5℃/±0.9℉(25℃) ±0.8℃/±1.5℉(At other ranges)
Resolution	0.01%RH,0.01℃/0.01℉
Response time	10S
Size	175mm×58mm×35mm
Weight	143g
Accessories	9v battery,manual and blister card

HT-86

Temperature and Humidity Data Logger

Data logger is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Temperature Range &Accuracy	-40~105℃(-40℉~221℉）;±2℉/1℃
Humidity Range&accuracy	0~100%RH ±3%RH(only HT-160)
Resolution	0.1%RH,0.1℉/℃
Memory	21,000(HT-160),16,000(HT-160B)
Measuring rate	Selectable from 1s~24h
Battery Life	3 years
Analysis software	Windows98/2000/xp/win7/win8/Vista/Mac OS
Size	115mm×34mm×23mm
Weight	25g
Battery	3.6v

HT-160

Temperature and Humidity Data Logger

Data logger is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Temperature Range &Accuracy	-30~60℃(-22℉~1.0℉）±0.5℃/±0℉
Humidity Range&Accuracy	0~100%RH ±3%RH(25℃;10%~90%RH)
Resolution	0.1%RH,0.1℃/0.1℉
Memory	21,00
Measuring rate	Selectable from 1s~24h
Battery Life	3 years
Analysis software	Windows98/2000/xp/win7/win8/Vista/Mac OS
Size	86mm×47mm×13mm
Weight	30g
Battery	3.0v

HT-165

Temperature and Humidity Data Logger with LCD Display

Data logger with LCD display is used for measuring the surroundings temperature/humidity&Barometric pressure so that we can know the environment conditions for production and storage.

Specification

Temperature Range &Accuracy	-40~105℃(-40℉~221℉）;±2℉/1℃
Humidity Range&accuracy	0~100%RH ±3%RH
Barometric pressure range &accuracy	10~1200mbar;±1.5mbar(only HT-163)
Resolution	0.1%RH;0.1℉/℃;0.13mbar
Memory	21,000(HT-161),12,700(HT-163)
Measuring rate	Selectable from 1s~24h
Battery Life	3 years
Analysis software	Windows98/2000/xp/win7/win8/Vista/Mac OS
Size	115mm×34mm×23mm
Weight	27g
Battery	3.6v

HT-161/163

HT-1805

Four in one gas detector

It can be used in mining,metallurgy security ring,petrochemical, power telecommunications,municipal and other occasions.

Specification

Vibration-proof enclosure
2in color display
Detection of gas:H2s/CO/O2(%Volume ratio)/Combustible gas (site selection)
Measurement range:0-100ppm(H2S)/0-500ppm(CO)0-25%(O2)
0-100%LEL(Combustible gases)
Rechargeable Battery
VIsual,auditory alarm and buzzer alam
Automatic or mobile phone open, red flashing, vibration
Alarm values can be set
Full function self-test
Size:136mm×68mm×34mm
Weight:250g

HT-403

PM2.5 Detector

This product is featured by high precision, stable performance, easy operation, and convenient carrying; it is suitable for household indoor, office, vehicle and natural environment.

Specification

Measuring range	0～999ug/m3
Resolution	1ug/ m3
Accuracy	±10ug/ m3（0～100ug/ m3）; ±10%(100～500ug/ m3)
Refresh time	about 1 second
Automatic shutdown	30 minutes
Use time	about 2 hours
Charging time	about 3.5 hours
Operating temperature	0 ~ 50 ℃
Working humidity	0 ~ 90% RH
Power supply	Built-in 3.7V lithium battery
Size	74mm × 71mm × 27mm
Weight	76g

Air quality detector

has the function of measuring PM2.5, PM10, counting of dust particles, temperature and humidity. The product is provided with high measurement precision, stable performance and simple operation and convenient to carry. It is suitable for indoor environment of family, office, inside of cars and natural environment, etc.

Specification

Test particle size	0.3μm/2.5μm/10.0μm
Light source	Semiconductor lasers
Formaldehyde range	0-1000ug/m³
Accuracy	±12%(or±12ug/m³)
Temperature Range	0℃~50℃/32~122℉)
Accuracy	+/-0.5℃
Humidity Range	0~100%RH
Accuracy	+/-3%RH
display	320*240 2.8in LCD display
Counting efficiency	100±10%@0.5μm
Sampling	500s
Sampling frequency	1~99/Continuous
Alarm levels	1~100,000(FED209E Standard)
	2~9（ISO14464-1Standard）
Data Storage	2000
Power supply	9V or 5V battery (USB interface)
Operating environment	-10℃~50℃, 10~90%RH
Storage environment	-20℃~60℃<90%RH

Pollution level diagram	Air quality grade	24 hours PM 2.5 average standard value
	excellent	0-35
	good	35-75
	Slight pollution	75-115
	Moderate pollution	115-150
	Severe pollution	150-250
	Severe pollution	>250

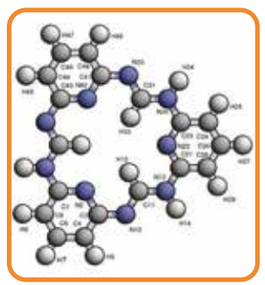
HT-9600

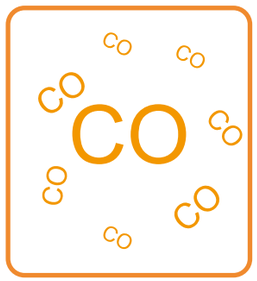
Carbon Monoxide Meters

Carbon Monoxide Meters is used for detecting Carbon Monoxide,which is Widely used in industrial measurement.

Specification

Operating temperature	0℃~50.0℃
Storage temperature	-10℃~60℃
Operating humidity	0~90%RH
Measurement range	0~1000PPM
Measurement resolution	1PPM
Accuracy	±5%/±10PPM
Warm up period	<2s
Operating Voltage	9V
Auto power off	15 minutes
Sensor type	Stabilized electrochemical Gas-specific(CO)
Size	160×55×40mm
Weight	156g
Accessories	9V battery,manual,Silicone Case and blister card.





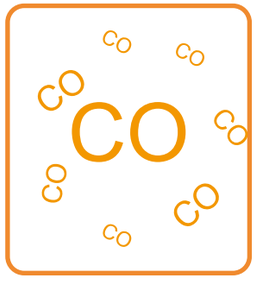
HT-1000/1000H

Carbon Monoxide Meter

Carbon Monoxide Meter is used for detecting Carbon Monoxide,whch is widely used in industrial measurement.

Specification

Measuring objective	Carbon monoxide
Range	0～999PPM
Resolution ratio	0.1PPM (0～99);1PPM(100～999)
Precision ratio	±5% /±10 PPM
Reaction speed	<2 seconds
Power supply	Built-in 3.7V lithium battery
Working current	50uA (without alarm)
Operation humidity	Relative density 0-90% (moisture not condensed)
Operation temperature	0℃～50℃
Storage temperature	-10℃～60℃
Sensor type	electrochemical carbon monoxide sensor
Size	110mm×50mm×40mm
Weight	102g
Attachment	Instruction for use, color box



HT-530

HT-809

Bluetooth Carbon Monoxide Meter

Carbon Monoxide Meter is used for detecting Carbon Monoxide,whch is widely used in industrial measurement.

Specification

Measuring objective	Carbon monoxide
Range	0～999PPM
Resolution ratio	0.1PPM (0～99);1PPM(100～999)
Precision ratio	±5% /±10 PPM
Reaction speed	<2 seconds
Working current	50uA (without alarm)
Operation humidity	Relative density 0-90% (moisture not condensed)
Operation temperature	0℃～50℃
Storage temperature	-10℃～60℃
Sensor type	electrochemical carbon monoxide sensor
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

Bluetooth™

Bluetooth CO_2 Meter

Carbon dioxide meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Carbon Dioxide(CO2) Range	0~9999PPM
Accuracy	±70ppm or ±3% rdg (0~5000PPM)
Response time	1s
Temperature Range	-10~70℃(14~158℉)
Resolution	0.1℃/℉
Accuracy	±0.3℃(10~50℃) ,others ±1.2℃
Humidity Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±3%(10~90%)
Logging Memory	12700
Operating Condition	0~50℃,0~85%RH （Condensation)
Storage Condition	-20~60℃,0~99%RH（Condensation)
Sensor life	15 years in normal cose
Storage temperature	-20~60℃,0~90%RH（No Conden Sation)
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-810

Bluetooth™

HT-811

Bluetooth™

Bluetooth Formaldehyde Meter

Formaldehyde Meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

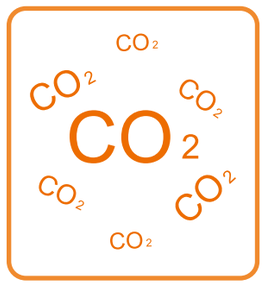
Formaldehyde(HCHO)	
Range	0~5.000mg/m³
Accuracy	±5% or ±0.02mg/m³ ,±10% ±0.02mg/m³
Response time	1s
Temperature Range	-10~70℃(14~158℉)
Resolution	0.1℃/℉
Accuracy	±0.6℃/±0.9℉(0~50℃/32~122℉),others ±1.2℃
Humidity Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±0.3℃(10~50℃) others are ±1.2℃
Logging Memory	27000
Operating Condition	0~85%RH
Storage Condition	-20~60℃,0~90%RH
Sensor life	3years
Storage temperature	40~70℃(40~ 158℉)
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

CO_2 Meter

Carbon dioxide meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Large LCD Display	Color display with backlight
Logger mode	key start/stop,Immediately,Schedule,Real-time&Roll-over
Carbon Dioxide(CO2)	
Range	0~9999PPM
Accuracy	±70ppm or ±3% rdg (0~5000PPM)
Response time	1s
Temperature Range	-10~70℃(14~158℉)
Resolution	0.1℃/℉
Accuracy	±0.1℃(10~50℃) ,others ±1.2℃
Humidity Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±3%(10~90%)
Logging Memory	12700
Operating Condition	0~50℃,0~85%RH （Condensation)
Storage Condition	-20~60℃,0~99%RH（Condensation)
Sensor life	15 years in normal cose
Storage temp	-20~60℃,0~90%RH（No Conden Sation)
Battery	3.7V rechargeable Li-ion polymer battery
Size	107×107×59mm



HT-501

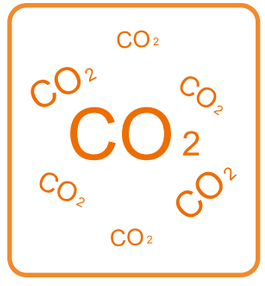
CO_2 Meter

Carbon dioxide meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar, hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Large LCD Display	3.5" (8.9cm)LCD display with backlight
Logger mode	key start/stop,Immediately,Schedule,Real-time&Roll-over
Carbon Dioxide(CO2)	
Range	0~9999ppm
Accuracy	±70ppm/3% of reading(400~2000ppm)
Response time	10s
Temperature	
Range	-10~70℃(14~158℉)
Resolution	0.1℃/℉
Accuracy	±0.6℃/±0.9℉(0~50℃/32~122℉),others ±1.2℃
Humidity	
Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±3%(10~90%) others ±4.5℃
Logging Memory	12700
Operating Condition	0~50℃,0~95%RH
Storage Condition	-20~60℃,0~99%RH
Sensor life	15years in normal cose
	Environments with ABC on
Storage temp	40~70℃(40~ 158℉)
Battery	4×AA type Alkaline Battery or USB -Power

HT-2000



Carbon Dioxide Detector

This product is featured by high precision, stable performance, easy operation, and convenient carrying; it is suitable for household indoor, hotel, vehicle and office.

Specification

Measuring object	Carbon Dioxide
Measuring range	0～9999 PPM
Accuracy	±70ppm or / ±5% reading (0~5000 PPM)
Resolution	1PPM
Automatic shutdown	30 minutes
Use time	about 4 hours
Charging time	about 3.5 hours
Working temperature	0 ~ 50 ℃
Working humidity	20 ~ 90% RH
Power supply	Built-in 3.7V lithium battery
Size	74mm × 71mm × 27mm
Weight	60g

HT-401

Formaldehyde Detector

This product is featured by high precision, stable performance, easy operation, and convenient carrying; it is suitable for household indoor, hotel, vehicle and office.

Specification

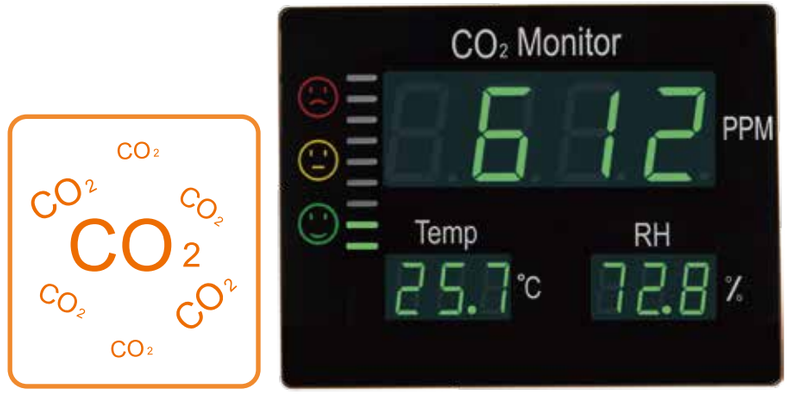
Range	0-3mg/m3
Resolution	0.001mg/m3
Accuracy	±10% or ±0.02mg/m3
Automatic shutdown	30 minutes
Use time	about 7 hours
Charging time	about 3.5 hours
Working temperature	-10 ~ 40 ℃
Working humidity	20 ~ 90% RH
Power supply	Built-in 3.7V lithium battery
Size	74mm × 71mm × 27mm
Weight	60g

HT-402

Wall Mount CO_2 monitor

Specification

Display mode	LED display
Carbon Dioxide(CO2)	0~9999PPM
Accuracy	70ppm ±3%
Resolution	1ppm
Response time	1s
Repeatability	±20ppm
Temperature Range	-40~1250℃/（104~257℉）
Temperature Accuracy	±0.5℃/±0.6℉(10~55℃/50~131℉)
Humidity Range	0.1-99.9%
Humidity Accuracy	±3%RH(20%RH~80%RH) 25℃
Power	adaptor(DC9v)
Operating Environment	5 ~ 30℃; (0~85%RH)
Sensor life	15 years in nomal cose
Size	388×288×43mm
Wight	2420g



HT-2008

Formaldehyde Meter

Formaldehyde Meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Large LCD Display	Color display with backlight
Logger mode	key start/stop,Immediately,Schedule,Real-time&Roll-over
Carbon Dioxide(CO2)	
Range	0~5.000mg/m³
Accuracy	±5% or ±0.02mg/m³ ,±10% ±0.02mg/m³
Response time	1s
Temperature Range	-10~70℃(14~158℉)
Resolution	0.1℃/℉
Accuracy	±1℃
Humidity Range	0.1~99.9% RH
Resolution	0.1%
Accuracy	±4℃
Logging Memory	27000
Operating Condition	0~85%RH
Storage Condition	-20~60℃,0~90%RH
Sensor life	3years
Storage temperature	40~70℃(40~ 158℉)
Battery	3.7V rechargeable Li-ion polymer battery
Size	107×107×59mm

HT-502

Ammonia detector

This product is a special instrument for detecting ammonia gas concentration.
In the home, various types of cold storage room, ammonia-containing laboratory, ammonia storage warehouses, etc. applied to ammonia gas in industrial sites can effectively prevent poisoning.Explosion accidents, protect life and property safety.

Specification

Range	0～1000PPM
Basic Error	±3%FS
Resolution	1PPM
Sensor principle	Electrochemical principle
Automatic shutdown	15 minutes
Alarm mode	buzzer alarm
Response time	≤ 20 seconds
Recovery time	≤ 30 seconds
Working temperature	0～50°C
Storage temperature	-10 °C ~ 60 °C (remove the battery)
Relative humidity	10%RH～90%RH(non-condensing)
Power	9V battery
Weight	118g(without battery)
Size	160*56*41mm

HT-1000N

Digital Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Function	Range(HT-380)	Range(HT-81)	resolution	Accuracy
Ft/min	196~5900ft/min	59~5900ft/min	1ft/min	+/-(3%+40ft/min)
m/s	1.0~30.00m/s	0.3~30.00m/s	0.01m/s	+/-(3%+0.20m/s)
Km/h	3.6~108.0km/h	1.1~108.0km/h	0.1km/s	+/-(3%+0.8km/h)
Mile / hour	2.24~67.0mph	0.67~67.0mph	0.1mph	+/-(3%+0.4mph)
Nautical mile / hour	1.94~58.0knots	0.6~58.0knots	0.1knots	+/-(3%+0.4knots)

Specifications	Resolution	Accuracy
	0.1°C(0.1°F)	+/-4.0°F(2°C)
Operating temperature 0°C-50°C (32°F to 122°F)		
Size:245×55×33mm(HT-380)/195×58×35mm(HT-81)		
Weight:205g(HT-380)/150g(HT-81)		
Accessories:9V battery,manual,black bag and blister card.		

HT-380/81

Digital Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air velocity	
Range	0~30m/s
Accuracy	±（3%+0.2）
Resolution	0.01m/s
air temperature	
Range	0~50℃
Accuracy	±2℃
Resolution	0.1
Air flow	
Range	0～63549 CFM
Resolution	1（＜10000）；10（≥10000）
Other	
Auto power off	16 minutes
Operation temperature	0℃~50℃(32~122℉)
Storage temperature	-10~60℃(14~140℉)
Storage humidity	10~75%RH non-condensing
Power supply	standard 9V battery ×1 pcs
Size	200mm×85mm×40mm
Weight	115g(battery not included)

HT-91

Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Measurement items	Air velocity,Air temperature
Range of air velocity	0~30m/s,0~90km/h,0~5860ft/min,
	0~55knots,0~65mph
Accuracy of air velocity	±5%
Range of air temperature	-10~45℃，14~113℉
Accuracy of air temperature	±2℃
Resolution	0.2℃;0.2m/s
Max/Average/Current air velocity reading	
°C/°F selection and Wind chill indication	
Beauford Scale	√
Auto power off	14 minutes
Low battery indication	√
Backlight	√
Power	CR2032 3.0V
Size	115×38×20mm
weight	52g(Including battery)

HT-383

CFM/CMM Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	range	resolution	Accuracy
m/s	0.40~30.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	1.4~108.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	80~5900ft/min	1ft/min	±(3%+40ft/m)
mph	0.9~67.0mph	0.1mph	±(3%+0.4MPH)
knots	0.8to58.0knots	0.1knots	±(3%+0.4knots)
Air flow	range	resolution	Area
CMM	0~9999m^3/min	1	0~9.999m^2
CFM	0~ft^3/min	1	0~9.999ft^2
Air temperature	range	resolution	Accuracy
	14~140°F，(-10~60°C)	0.1°F/°C	4.0°F(2.0°C)
Operating Voltage	9V		
Weight	240g		
Size	202×85×48mm		
Accessories	Batteny,manual black box and gift box.		

HT-9819

Bluetooth Digital Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Function	Range	Range	resolution
Ft/min	196~5900ft/min	59~5900ft/min	1ft/min
m/s	1.0~30.00m/s	0.3~30.00m/s	0.01m/s
Km/h	3.6~108.0km/h	1.1~108.0km/h	0.1km/s
Mile / hour	2.24~67.0mph	0.67~67.0mph	0.1mph
Nautical mile / hour	1.94~58.0knots	0.6~58.0knots	0.1knots

Specifications	Resolution	Accuracy
Range	0.1°C(0.1°F)	+/-4.0°F(2°C)
32°F-122°F(0°C-50°C)		
4 AAA batteries		
The device can with a small display, the APP of Android and IOS can monitoring		
data remotely (Bluetooth transmission)		
Can generate digital charts, trend graphs;		
Support to save / share data graphs .xls		
Support save / share trend graphs .jpg		
IOS8.3 / Android 4.3 above (bluetooth4.0)		

HT-807

Bluetooth™

CFM/CMM Thermo-Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	Range	Resolution	Accuracy
m/s	0.10~25.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	0.3~90.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	20~4926ft/min	1ft/min	±(3%+40ft/m)
mph	0.2~55.8mph	0.1mph	±(3%+0.4MPH)
knots	0.2~48.5knots	0.1knots	±(3%+0.4knots)
Air flow	Range	Resolution	Area
CMM	0~9999m^3/min	1	0~9.999m^2
CFM	0~ft^3/min	1	0~9.999ft^2
Air temperature	Range	Resolution	Accuracy
	32~122°F，(0~50°C)	0.1°F/°C	4.0°F(2.0°C)
Operating Voltage	9V		
Weight	390g		
Size	198×85×45mm		
Accessories	Battery,manual black box and gift box.		

HT-9829

Hot Wire Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	range	resolution	Accuracy
m/s	0.10~25.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	0.3~90.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	20~4926ft/min	1ft/min	±(3%+40ft/m)
mph	0.2~55.8mph	0.1mph	±(3%+0.4MPH)
knots	0.2~48.5knots	0.1knots	±(3%+0.4knots)
Air flow	range	resolution	Area
M3 / min	0~9999m^3/min	1	0~9.999m^2
CFM	0~ft^3/min	1	0~9.999ft^2
Air temperature	range	resolution	Accuracy
	32~122°F，(0~50°C)	0.1°F/°C	4.0°F(2.0°C)
Operating Voltage	3×1.5V AA alkaline batteries		
Weight	160g		
Size	152mm×75mm×32mm		
Accessories	Battery,manual black box and gift box.		

HT-9830

Bluetooth CFM/CMM Thermo-Anemometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	Range	Resolution	Accuracy
m/s	0.10~25.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	0.3~90.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	20~4926ft/min	1ft/min	±(3%+40ft/m)
mph	0.2~55.8mph	0.1mph	±(3%+0.4MPH)
knots	0.2~48.5knots	0.1knots	±(3%+0.4knots)
Air flow	Range	Resolution	
CMM	0~9999m^3/min	1	0~9.999m^2
CFM	0~ft^3/min	1	0~9.999ft^2
Air temperature	Range	Resolution	Accuracy
	32~122°F，(0~50℃)	0.1°F/℃	4.0°F(2.0℃)

4 AAA batteries
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)
Can generate digital charts, trend graphs;
Support to save / share data graphs .xls
Support save / share trend graphs .jpg
IOS8.3 / Android 4.3 above (bluetooth4.0)

HT-833

Bluetooth™

Laser Range Finder

It can be used for ultrasonic distance measuring,main apply to measure the distance of urban road planning, construction site,industrial spot,etc.

Specification

Measuring range	0.05~40m(HT-40)
	0.05~60m(HT-60)
	0.05~80m(HT-80)
	0.05~100m(HT-100)
Measuring accuracy	±2mm
Unit displayed	m/in/ft
Laser class	2class
Laser type	635nm, <1mW
Area/volume calculation	√
Addition/Subtraction	√
Minimum/Maximum measurement	√
Continuous measurement	√
Display illumination	√
multiple lines show	√
Buzzer Reminding	√
waterproof and dustproof	√
Historical storage	20
Laser spot diameter	6.5mm@10m
Operating Temperature	0℃-40℃(32°F~122°F)
Storage Temperature	-25℃-60℃(13°F~140°F)
Battery life	5,000bout
Battery	2×1.5V AAA
Laser auto off	30s
Automatic switch off	3Minute
Size	116×56×32mm
Weight	100g

HT-40/60/80/100

Laser Range Finder

It can be used for ultrasonic distance measuring,main apply to measure the distance in urban road planning,construction site,industrial spot,etc.

Specification

Product type	HT-190	HT-191	HT-192
Measurement range	0.05～50M	0.05～70M	0.05～100M
Weight	116g (battery not included)	100g (battery not included)	

Measurement accuracy	±(3.0mm+5*10-5*D)
Measurement unit	Feet, inch and meter
Laser grade	Grade Ⅱ
Laser parameters	620-670nm，＜1mW
Continuous measurement	√
Addition/subtraction measurement:	√
Area/volume measurement	√
Measurement with Pythagorean Theorem	√
Maximum/minimum value measurement	√
Angle measurement	√
Historical measurement record	√
Setting-out function	√
Calibration function	√
Multiline display	√
Buzzing prompt	√
Operation temperature	0～40℃
Storage temperature	-20～60℃
Power supply	2 AAA. 1.5V alkaline batteries
Laser automatic off	1 minute
Automatic power off	3 minutes
Size	112.3mm×51.6mm×28.8mm

HT-190/191/192

Laser Range Finder

It can be used for ultrasonic distance measuring,main apply to measure the distance of urban road planning, construction site,industrial spot,etc.

Specification

Range(use target plate for longer)	0.05~40m(HT-180)
Measuring accuracy up to 40/60/80/100m(in the room)	±2mm
Laser class	Class Ⅱ
Laser type	635nm, <1mW
Automatic switch off	6 minutes of inactivity
Display illumination	√
Minimum/Maximum	√
measurement/Continuous measurement	
Addition/Subtraction	√
Pythagoras measurement	√
Area/Volume calculation	√
Trapezoid measurement	√
Historical storage	√(20)
Battery life,TypeAAA,4*1.5V	Up to 20000 measurements
Size/Weight	116*52*28mm/80g
Storage/Operating Temperature	-25℃-60℃/0℃-40℃

HT-180

HT-805/805A/
805B

Bluetooth™

Bluetooth Digital Manometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

HT-805					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±2.006	0.001	Ozin2	±1.160	0.001
Psi	±0.0720	0.0001	fth2O	±0.1671	0.0001
Mbar	±5.000	0.001	cmH2O	±5.100	0.001
Kpa	±0.500	0.001	kgcm2	±0.005	0.00001
inHg	±0.1476	0.0001	Bar	±0.005	0.00001
mmHg	±3.750	0.001			
HT-805A					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±55.40	0.01	Ozin2	±32.00	0.01
Psi	±2.000	0.001	fth2O	±4.612	0.001
Mbar	±137.8	0.1	cmH2O	±140.6	0.1
Kpa	±13.79	0.01	kgcm2	±0.140	0.001
inHg	±4.072	0.001	Bar	±0.137	0.001
mmHg	±103.4	0.1			
HT-805B					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±138.2	0.01	Ozin2	±79.90	0.01
Psi	±5.000	0.001	fth2O	±11.51	0.01
Mbar	±344.7	0.1	cmH2O	±351.3	0.1
Kpa	±10.16	0.01	kgcm2	±0.345	0.0001
inHg	±258.5	0.01	Bar	±0.345	0.0001
mmHg	±79.90	0.1			
HT-805C					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±2770	1	Ozin2	±1600	1
Psi	±100.0	0.1	fth2O	±230.6	0.1
Mbar	±6895	1	cmH2O	±7030	1
Kpa	±689.5	0.1	kgcm2	±7.030	0.001
inHg	±20.36	0.01	Bar	±6.894	0.001
mmHg	±5171	1			

4 AAA batteries
The device can with a small display, the APP of Android and IOS can monitoring
data remotely (Bluetooth transmission)
Can generate digital charts, trend graphs;
Support to save / share data graphs .xls
Support save / share trend graphs .jpg
IOS8.3 / Android 4.3 above (bluetooth4.0)
Size:170mm*55mm*33mm
Weight:165g

Bluetooth Differential pressure meter

Applications:Testing of air Conditioning andRefrigeration Systems.

Measuring range	-1 to +60 bar
Accuracy	±0.5 % of fsv
Resolution	0.01 bar
Probe connection	7 / 16 " - UNF
Overload rel. (high pressure)	+65 bar
General technical data	
Dimensions	125 x 32 x 31 mm
Operating temperature	-20 to +50 °C
Warranty	2 years
Battery type	3 AAA micro batteries
Battery life	150 h
Pressure media	CFC, HFC, HCFC, N, H2O, CO2
Storage temperature	-20 to +60 °C
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-836

Bluetooth™

Digital Manometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

HT-1890					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±55.40	0.01	Ozin2	±32.00	0.01
Psi	±2.000	0.001	fth2O	±4.612	0.001
Mbar	±137.8	0.1	cmH2O	±140.6	0.1
Kpa	±13.79	0.01	kgcm2	±0.140	0.001
inHg	±4.072	0.001	Bar	±0.137	0.001
mmHg	±103.4	0.1			
HT-1890B					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±12.04	0.01	Ozin2	±6.96	0.01
Psi	±0.435	0.001	fth2O	±1.003	0.001
Mbar	±30.0	0.1	cmH2O	±30.6	0.1
Kpa	±3.000	0.001	kgcm2	±0.030	0.001
inHg	±0.886	0.001	Bar	±0.030	0.001
mmHg	±22.5	0.1			
HT-1890C					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±24.08	0.1	Ozin2	±13.92	0.01
Psi	±0.870	0.001	fth2O	±2.006	0.001
Mbar	±60.0	0.1	cmH2O	±60.9	0.1
Kpa	±6.000	0.001	kgcm2	±0.060	0.001
inHg	±1.771	0.001	Bar	±0.060	0.001
mmHg	±45.0	0.1			
HT-1891					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±138.3	0.1	Ozin2	±80	1
Psi	±5.000	0.001	fth2O	±11.53	0.01
Mbar	±344.7	0.1	cmH2O	±351.5	0.1
Kpa	±34.47	0.001	kgcm2	±0.351	0.001
inHg	±1.018	0.001	Bar	±0.344	0.001
mmHg	±258.5	0.1			

Size:170mm*55mm*34mm

Weight:180g

Accessories:9V battery,manual,2 soft hoses and 1 blister card

HT-1890/1891

Digital Manometer

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

HT-1892					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±415.2	0.1	Ozin2	±240.0	0.1
Psi	±15.00	0.01	fth2O	±34.60	0.01
Mbar	±1034	1	cmH2O	±1055	1
Kpa	±103.4	0.1	kgcm2	±1.055	0.001
inHg	±30.54	0.01	Bar	±1.034	0.001
mmHg	±775.7	0.1			
HT-1893					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±830	0.1	Ozin2	±480.0	0.1
Psi	±30.00	0.01	fth2O	±69.20	0.01
Mbar	±2068	1	cmH2O	±2109	1
Kpa	±206.8	0.1	kgcm2	±2.109	0.001
inHg	±61.08	0.01	Bar	±2.068	0.001
mmHg	±1551	0.1			
HT-1895					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±2078	0.1	Ozin2	±1200	1
Psi	±75.00	0.01	fth2O	±173.0	0.01
Mbar	±5168	1	cmH2O	±5272	1
Kpa	±517.1	0.1	kgcm2	±5.250	0.001
inHg	±15.00	0.01	Bar	±5.138	0.001
mmHg	±3878	1			

Size:170mm*55mm*34mm

Weight:180g

Accessories:9V battery,manual,2 soft hoses and 1 blister card

HT- 1895

Digital Manometer

Manometer is mainly used for displaying signals and the values of output pressure directly,it isusually used in labloratory.

Specification

HT-9800					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±55.40	0.01	Ozin2	±32.00	0.01
Psi	±2.000	0.001	fth2O	±4.612	0.001
Mbar	±137.8	0.1	cmH2O	±140.6	0.1
Kpa	±13.79	0.01	kgcm2	±0.140	0.001
inHg	±4.072	0.001	Bar	±0.137	0.001
mmHg	±103.4	0.1			
HT-9800B					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±12.04	0.01	Ozin2	±6.96	0.01
Psi	±0.435	0.001	fth2O	±1.003	0.001
Mbar	±30.0	0.1	cmH2O	±30.6	0.1
Kpa	±3.000	0.001	kgcm2	±0.030	0.001
inHg	±0.886	0.001	Bar	±0.030	0.001
mmHg	±22.5	0.1			
HT-9801					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±138.3	1	Ozin2	±80	1
Psi	±5.000	0.001	fth2O	±11.53	0.01
Mbar	±344.7	0.1	cmH2O	±351.5	0.1
Kpa	±34.47	0.01	kgcm2	±0.351	0.001
inHg	±1.018	0.001	Bar	±0.344	0.001
mmHg	±258.5	0.1			
HT-9805					
Function	Range	Resolution	Function	Range	Resolution
inH2O	±2078	1	Ozin2	±1200	1
Psi	±75.00	0.001	fth2O	±173.0	0.01
Mbar	±5168	0.1	cmH2O	±5272	0.1
Kpa	±517.1	0.01	kgcm2	±5.250	0.001
inHg	±15.00	0.001	Bar	±5.138	0.001
mmHg	±3878	0.1			
Size:210mm*85mm*45mm					
Weight:220g					
Accessories:9V battery,manual,2 soft hoses and 1 blister card					

HT-9800

Portable Video Borescope

Automotive/Diesel Repair and Maintenance/Inspection of hard-to-reach area or equipment/plumbing,construction, restoration applications/Science Education/Outdoor Exploration.

Specification

3.5"LCD Screen
300000 pixels,
Memory what you see on the screen
Tube one meter long 8.5mm in diameter,flexible,(5.5mm tube optional)
Waterproof(Waterproof grade:IP65).
Camera Ministry with 6 LED lights can be used in a dark space,the camera focal length Ir 2-8CM.
Handle front-end to install a bright LED lights,as a separate switch directly when using the flashlight.
Image Capture in JPEG file format,video Recording in Monitor JPEG(AVI)
Display resolution:Image:640*480 pixels,Video(with Audio) D1 720*480
Pixels(30fps)8
Zoom In/out(Max.5X)
Interface:SD card(to 32G SDHC),USB1.1,RGB Video out.
Battery:AA type Alkaline Battery 4each (working time:4~6hours)

HT-560/660

Portable Video Borescope

Automotive/Diesel Repair and Maintenance/Inspection of hard-to-reach area or equipment/plumbing,construction, restoration applications/Science Education/Outdoor Exploration.

Specification

3.5"LCD Screen
300000 pixels,
Memory what you see on the screen
Tube one meter long 8.5mm in diameter,flexible,(5.5mm tube optional)
Waterproof(Waterproof grade:IP67).
Camera Ministry with 6 LED lights can be used in a dark space,the camera focal length Ir 2-8CM.
Handle front-end to install a bright LED lights,sa aseparate switch directly when using the flashlight.
Image Capture in JPEG file format,video Recording in Monitor JPEG(AVI)
Display resolution:Image:640*480 pixels,Video(with Audio) D1 720*480
Pixels(30fps)8
Zoom In/out(Max.5X)
Interface:SD card(to 32G SDHC),USB1.1,RGB Video out.
Battery:AA type Alkaline Battery 4each (working time:4~6hours) or DCV 6v

HT-660B

Handheld (Android OTG) Inspection Endoscope

Specification

Camera Diameter	0.33in(8.5mm)
Shaft Diameter	0.27 in(6.5mm)
Image Sensor	300 thousand pixels CMOS
Video Resolution	640×480 (5.5/7.0mm) 1280×960 1280×720 (8.0mm)
Viewing Angle	60°
Depth of Field	2.4in×3.9in(60mm~100mm)
Camera Light Source	6adjustable high-intensity LEDs
IP Code	IP65
LED Flashlight	1W CREE LED
Operating Eemperature	0℃ ~ 50℃（32℉ to 122℉）

HT-668

WI-FI Inspection camera

Specification

Network Standard	IEEE 802.11b/g/n
Antenna	Built-in IPEX antenna
Operating Frequency	2.4GHZ
Data Rate	802.11 a/b/g/n:up to 150Mbps
Camera Diameter	0.33in(8.5mm)
Shaft Diameter	0.27 in(6.5mm)
Image Sensor	300 thousand pixels CMOS
Video Resolution	800×600 , 1280×768, 1280×720
Viewing Angle	60·
Depth of Field	2.4in×3.9in(60mm~100mm)
Camera Light Source	6 high-intensity LEDs
IP Code	IP67
LED Flashlight	1W CREE LED
Operating Eemperature	32˚F to 113˚F(0˚C to 45˚C)
Power Source	3.7V rechargeable li-ion polymer battery
Max Battery life	Full power 2~3 hours

HT-669

Thickness gauge for coating and clad layer

The electro-magnetic induction principle is used to measure thickness of non magnetic coating and galvanization layer (such as paint) on magnetic conductive metal substrate (such as iron). The principle of eddy current effect is used to measure thickness of non conductive coating (such as paint) on non-magnetic conductive metal substrate (such as aluminum).

Specification

Performance	
Measurement mode	single and continui
Unit	um, mm
Range	0～1300um
Resolution	1um (0～999um); 0.01mm (≧1000um)
Accuracy	±3%+ 2um (0～1300um)
Auto power off	3 min (no key operation)
Working condition	
Power supply	two 1.5V AAA batteries
Operating temperature	0～45℃ (no condensation and no strong magnetic field)
Operation humidity	0～90%RH non-condensing
Storage temperature	-10~50˚C(14~122˚F)
Storage humidity	0～90%RH non-condensing
Requirements for substrate	
Substrate thickness	＞0.5mm
Curvature radius of convex surface	＞1.5mm
Curvature radius of concave surface	＞25mm
Measurement area diameter:	＞6mm
Others	
Display	LCD display with back light
Size	112mm × 51mm × 28mm
Weight	80g(battery not included)
Accessories	
One piece of standard aluminum substrate	
One piece of standard iron substrate	
Standard foil: one piece of 50um, 100um, 250um, 500um,1000um respectively.	
Two 1.5V AAA batteries	
USB data line	
Instruction for use	

HT-128

HT-129

Thickness gauge for coating and clad layer

The electro-magnetic induction principle is used to measure thickness of non magnetic coating and galvanization layer (such as paint) on magnetic conductive metal substrate (such as iron). The principle of eddy current effect is used to measure thickness of non conductive coating (such as paint) on non-magnetic conductive metal substrate (such as aluminum).

Specification

Performance	
Measurement mode	single and continui
Unit	um, mm
Range	0～1300um
Resolution	1um (0～999um); 0.01mm (≧1000um)
Accuracy	±3%+ 2um (0～1300um)
Auto power off	3 min (no key operation)
Working condition	
Power supply	two 1.5V AAA batteries
Operating temperature	0～45℃ (no condensation and no strong magnetic field)
Operation humidity	0～90%RH non-condensing
Storage temperature	-10~50℃(14~122℉)
Storage humidity	0～90%RH non-condensing
Requirements for substrate	
Substrate thickness	＞0.5mm
Curvature radius of convex surface	＞1.5mm
Curvature radius of concave surface	＞25mm
Measurement area diameter:	＞6mm
Others	
Display	LCD display with back light(color screen)
Size	
Weight	
Accessories	
One piece of standard aluminum substrate	
One piece of standard iron substrate	
Standard foil: one piece of 50um, 100um, 250um, 500um,1000um respectively.	
Two 1.5V AAA batteries	
USB data line	
Instruction for use	

Ultrasonic Thickness Meter

This is a type of smart ultrasonic thickness meter and can measure thickness and sound speed of many types of materials such as metal, plastic, ceramic, glass and other good conductors of ultrasonic wave.

Display	LCD display with back light
Working frequency of the probe	5M Hz
Range	1.2～225mm (Q235steel,45steel)
Resolution	0.1mm
Accuracy	±(1%H+0.1)mm, H is the object thickness.
Lower measurement limit of pipes	Φ20×3mm
Sound speed adjustment scope	1000～9999m/s
Measuring sound speed with known thickness	0.5%H+0.2H is the thickness of the material to be tested
Power supply	3 x 1.5V AA alkaline batteries
Operating temperature	0～40℃
Relative humidity	＜90%RH
Storage temperature	-10～50℃
Working temperature	＜60℃
Working current	＜120mA
Size	152mm × 75mm × 32mm
Accessories	probe, coupling agents, instruction for use, color box

HT-1200

Bluetooth Thickness gauge for coating and clad layer

The electro-magnetic induction principle is used to measure thickness of non magnetic coating and galvanization layer (such as paint) on magnetic conductive metal substrate (such as iron). The principle of eddy current effect is used to measure thickness of non conductive coating (such as paint) on non-magnetic conductive metal substrate (such as aluminum).

Specification

Performance	
Measurement mode	single and continui
Unit	um, mm
Range	0～1300um
Resolution	1um (0～999um); 0.01mm (≧1000um)
Accuracy	±3%+ 2um (0～1300um)
Auto power off	3 min (no key operation)
Working condition	
Operating temperature	0～45℃ (no condensation and no strong magnetic field)
Operation humidity	0～90%RH non-condensing
Storage temperature	-10~50℃(14~122℉)
Storage humidity	0～90%RH non-condensing
Requirements for substrate	
Substrate thickness	＞0.5mm
Curvature radius of convex surface	＞1.5mm
Curvature radius of concave surface	＞25mm
Measurement area diameter:	＞6mm
Others	
Display	LCD display with back light
Size	112mm × 51mm × 28mm
Weight	80g(battery not included)
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-821

Bluetooth™

Bluetooth Mini Sound Level Meter

It can measure the sound level for office space/factory/the hotel/hospital/school.

Specification

Level range	35~130dB
Accuracy	±3dB(94dB 1KHz)
Frequency range	31.5Hz~8K Hz
Frequency weighting	A
Operation temperature	0℃~40℃(32~104℉)
Operation humidity	10~90%RH
Storage temperature	-10~60℃(14~140℉)
Storage humidity	10 to 75%RH
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-808

Bluetooth™

HT-80A

Mini Sound Level Meter

It can measure the sound level for office space/factory/the hotel/hospital/school.

Specification

Level range	35~130dB
Accuracy	±1.5dB(94dB 1KHz)
Frequency range	31.5Hz~8K Hz
Frequency weighting	A
Operating temperature	0℃~40℃(32~104℉)
Operating humidity	10~90%RH
Storage temperature	-10~60℃(14~140℉)
Storage humidity	10 to 75%RH
Operating Voltage	9V
Size	170×58×35mm
Weight	107g
Accessories	9V battery,manual black bag and blister card.

Sound Level Meter

It can measure the sound level for office space/factory/ the hotel/hospital/school.

Specification

Range	35~130dB
Accuracy	±1.5dB(94dB @1KHz；114dB @1KHz)
Resolution	0.1dB
Response time	0.5S
Frequeney range	31.5Hz~8K Hz
Display	3½ digit
Microphone	1/2 inch electret condenser microphone
Auto power off	16 minutes
Frequency weighting	A
Operation temperature	0~50℃(32~122℉)
Operation humidity	10~80%RH
Storage temperature	-10~60℃(14~140℉)
Storage humidity	10~75%RH non-condensing
Power supply	standard 9V battery ×1 pcs
Size	206.2mm×56mm×45.7mm
Weight	110g(battery not included)

HT-90A

Light Meter

Applications:Office space/Factory/The hotel/Shop/ Hospital/Surgery/School.

Specification

light lux meter from	0.1 Lux~200,000 Lux & 0.0FC~20,000 FC
special function	Auto power off with disable feature;
	Data hold; MAX MIN;Back light
Accuracy	±(3%+30digit /digits)
Sample rate	2.5 times / sec
Auto power off	About 15 minutes
Operating environment	0℃~40℃(32~104℉)
Storage environment	-10℃~60℃(14~140℉)
power Supply	9V
Size	195×55×35mm
Weight	100g

HT-82

Light Meter

Applications:Office space/Factory/The hotel/Shop/ Hospital/School.

Specification

Sampling speed	0.5 seconds
Range	0～2000×100LUX
Degree of accuracy	(＜10000LUX), ±(4%rdg+10dtgs); (≥10000LUX), ±(8%rdg+10dtgs);
Sensor type	Silicon photocell
Resolution ratio	0.1(＜200); 1(200～9999) 10(10000～99999); 100(≥100000)
Automatic power off	About 16 minutes (no key operation)
Energy provision	A 9V battery
Energy life	about 50 hours (alkaline battery);
Operation temperature	0～50℃
Operation humidity	10%～80%RH
Storage temperature	-10～60℃
Storage humidity	10%～75%RH
Size	16.8mm×59mm×49mm
Weight	110g (battery not included)

HT-92

Bluetooth Light Meter

Applications:Office space/Factory/The hotel/Shop/ Hospital/Surgery/School.

Specification

light lux meter from	0.1 Lux~200,000 Lux & 0.0FC~20,000 FC
light lux meter from	0.1 Lux~200,000 Lux & 0.0FC~40,000 FC
special function	Auto power off with disable feature;
	Data hold; MAX MIN;Back light
Accuracy	±(3%+30位数/digits)
Sample rate	2.5 times / sec
Auto power off	About 15 minutes
Operating environment	0℃~40℃(32~104℉)
Storage environment	-10℃~60℃(14~140℉)
Power Supply	6V
Size	195×55×35mm
Weight	100g
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

HT-835

Bluetooth™

pH meter

The product is convenient to use and simple to operate with high measurement precision and is suitable for environmental protection, waste water treatment, chemical laboratories, pharmacy, fermentation, chemical engineering, tap water and other fields.

LCD display: three and a half digit display
Measurement range: PH: 0PH～14PH mV: -415mV～415mV
Resolution ratio: 0.01PH,1mV
PH measurement error: ±0.05PH
mV value measurement error: ±0.1%FS
The temperature of the measured solution: 5～60℃
Temperature compensation scope: 0～60℃
Automatic power-off time: 4 minutes
Weight of the host: 145g
Dimension of the host: 165mm×75mm×32mm
Accessory: Standard buffer reagent (one packet of PH4.00, KCL solution
package and PH9.18 respectively)/user manual/ potassium chloride
powder packet/PH non-chargeable combination electrode/3 AA batteries
Normal use condition of the instrument
1. Environment temperature: 5～40℃
2. Relative humidity: ≤85%RH(No condensation)
3. Power supply: 3 AA batteries
4. No vibration affecting performance in surrounding area.
5. No corrosive gas in the surrounding air
6. No other magnetic field interference except earth magnetic field

HT-1202

HT-522

Digital Tachometer

Commonly used in motor,electric fan,paper making,plastic, chemical fiber,washing machines and cars field.

Specification

Measuremement	Contact	1~19999
	Non-contact	1~19999
	999999counts	999999Counts
Display	Contact	
Target distance	Non-contact	50mm~600mm
Best Accuracy	0.02%±2dgt	
Auto power off	15s	
Max / min / road / M / min M / s feet / minute feet / sec / min		
Size	236×72×35mm	
Weight	218g	

HT-930

Radar Speed Meter

This product is a hand-held radar velocimeter to measure the radial velocity of moving objects using the Doppler Principle, with the measurement accuracy as ±1 mile per hour or ±2 kilometers per hour.

Specification

Velocity detection range
Ball games: 10-110MPH (with the operating range within 90 feet) or 16-177KPH
(with the operating range within 27 meters)
Vehicles: 10-200MPH (with the operating range within 1500 feet) or 16-322KPH
(with the operating range within 457 meters)
Accuracy: ±1MPH or 2KPH
Fluctuation frequency: 24.15Ghz
Launch angle: 15°
Power supply: built-in 4 AA alkaline batteries
Operating temperature: 0-40°C
Dimension: 158.5mm x 212mm x 101mm

Halogen detector

It is a leakage detector where used in refrigeration,air-condition,storage,restore the container and so on

Specification

Detect R-22 ,R-134,R-404A,R-410A,R-407C,R-502,R-600A,R-123yf...more Refrigerant Gas.
Equal Sensitvity to CFCs,HCFCs and HFCs.
Air sucking System ror raster response and higher sensitivity
Microprocessor Control with advanced digital signal processing.
semiconductor gas sensor.
High Low Leak Sensitivity selector
7 LED Tri-colored Visual Leak LevelIndicator
Ambient Concentration Reset
Snake Tube Length:400mm(15.5")flexible stainless probe
Auto power off: 10 minutes
Ambient Concentration reset.
Low battery indication.
Reference Leak source included.
Hard Carrying case included.
Accordance with SAE J1627,CE designFeatures Sensitivity

HT-523

Microwave Leakage Detector

Microwave leakage detector is used for detecting microwave leakage

Specification

Calibrated	2450MHz
Range	0~9.99mW/cm^2
Warnig value	5.0mW/cm^2
Accuracy	±1dB
Power source	9V
Weight	112g

HT-M2

HT-1201

Split Type Vibrometer

The product adopts piezoelectric type acceleration sensor and is suitable for measurement of conventional vibration of mechanical equipment. It can measure the vibration speed, acceleration, displacement and is widely used in mechanical manufacturing, electric power, chemical engineering, space flight and aviation and other fields.

Specification

Vibration acquisition:	piezoceramic accelerometer (shearing type)
LCD display:	three and a half digit display
Measurement range	
Acceleration:	0.1 - 199.9m/s2(peak value)
Speed:	0.1 - 199.9mm/s(effective value)
Displacement:	0.001 - 1.999mm (effective value)
Measurement accuracy:	±(5%+2digits)
Frequency range:	
Acceleration:	15Hz - 1KHz (LO)；1KHz - 10KHz (HI)
Speed:	15Hz - 1KHz (LO)
Displacement:	15Hz - 1KHz (LO)
Temperature measurement	0℃ - 60℃
Temperature accuracy:	±2℃
Automatic power-off time:	4 minutes
Power supply:	3 AA batteries
Operation temperature:	0℃ - 45℃
Operation humidity:	20%RH - 90%RH(No condensation)
Storage temperature:	-20℃ - 60℃
Weight of the host:	140g
Dimension of the host:	152mm×75mm×32mm

Ultrasonic level meter

Applications:Tap water, sewage, petroleum, chemical, metallurgy, electricity, food, pharmaceutical, paper, minerals and other industries.

Specification

Power supply(optional)	AC220V; DC24V;
Range(optional)	0～4m;0～8m,;0～12m；0～15m
Accuracy	0.5% of range
Resolution	1mm
Repeatability	5mm
Refreshing time	<2s
Dead zone	0.3m～0.5m
emperature compensation	Compensation function is available for the entire temperature range.
Output	4-20mA
Accuracy	± 0.02mA
Location	Indoor / outdoor
Ambient temperature	-20～60℃
Relative humidity	45%RH -75%RH
Pressure (vessel)	0.5bar
Protection level	Sensor IP68 others IP65
Communication	485
Language	Chinese Englsh

HT-528

HT-610

Wood Moisture Meter

Wood moisture meter is used for measuring wood or building materials moisture content.

Specification

Range of wood	6~48%
Range of building material	5% 11%
Environment Temperature	0˚C-40˚C/32~99˚F
Size	109×50×20.6mm
Weight	64g
Battery	1.5V AAA×2

HT-611

Alcohol Meter

The instrument is used for accurate detection of alcohol in the breathe.

Specification

Detecting range	0.000~0.20%BAC
Accuracy	+/-10% at 0.05%bac
Pre-set limit	0.05%bac
Operating time	Warm up:15~30S
	Response<5S
Auto power off	1 minute approx
Battery	1.5V AAA×2