

TASI

2026
PRODUCT CATALOGUE



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ACCURACY AND RELIABILITY FROM TASI.



COMPANY PROFILE

Suzhou TASI Electronics Co., Ltd., founded in Suzhou, Jiangsu Province in 2009. It is an industrial and trade enterprise integrating R&D, production and sales of instruments and meters.

Adhere to the tenet of "accuracy and reliability", focusing on research and development of instruments and meters with a rigorous attitude, and constantly provides the superior products and service to the customers .

With years of development, the company has gradually developed a professional team featuring high-level, high-efficiency, and high creativity. In the future, TASI will strive to advance with the times and comprehensively improve its technology and practicality of its products.

Since 2010, under continuous upgradation and innovation, TASI has obtained a number of patent certificates for inventions, utility models, designs, etc. issued by the State Intellectual Property Office. All products have been certified by international standards such as "CE", "RoHS" and "FCC", and passed the GB/T 19001-2016 idt ISO 9001:2015 quality management system certification. The company will continuously roll out products that meet the international standards.

Since its establishment, adhering to the spirit of craftsmanship, integrating emerging technologies, and constantly innovating its products. TASI has launched a variety of products with independent intellectual property rights, including multimeter, clamp meter, voltage detector, megger, earth resistance tester, thermometer, temperature and humidity meter, infrared thermometer, sound level meter, light meter, anemometer, tachometer, wire tracker and gas detector. These products are widely used in electronics manufacturing, rail transit, environmental governance, fire protection, electric power, smelting, etc., deeply trusted and praised by users.

Foothold the present and looking forward to the future. TASI will persist in the basic principles of "technology-based, service-oriented, market-oriented, and customer-oriented", adhere to the development concepts of technol











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VOLTAGE DETECTOR
TA881A / TA11B+ / TA13A



ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1

Patent
Appearance: 201930567122.2
Utility model: 201911003024.1

Featurtes
- Non contact voltage sensing;
- Visible and audible alert;
- High/Low adjustable sensitivity;
- Flashlight.



TA881A TA13A

Technical specifications

Model	TA881A	TA11B+	TA13A
AC voltage	12V ~ 1000V AC	12V ~ 1000V AC	12V ~ 1000V AC
Phase sequency test	—	—	90 ~ 400V
Frequency	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz

Special function

Alarm mode	Sound/light/analog bar graph		
Display	Bicolor analog light	LCD display	
Flashlight	✓		
Probe shape	Flat		
Low battery indication	✓		
Live/Neutral test	✓		
Adjustable sensitivity	✓		
Auto power off	3 mins		5 mins

Basic parameters

Working environment	0 ~ 40°C, max75%, indoor altitude <2000m	
Storage environment	-10 ~ 50°C, max95% (battery included)	
Power	2 × 1.5V AAA	
Product size	159 × 21 × 20mm	
Weight	Approx. 36g (battery not included)	Approx. 31g(battery not included)
Delivery contents	Meter, box, manual	
Packing quantity	120pcs	
Packing weight	9.4kg	8.3kg
Packing size	36 × 32 × 23cm	36 × 35 × 18cm



VOLTAGE TESTER
TA882A

ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1

Featurtes
- Non contact voltage sensing;
- Live/Neutral test;
- With polarity detection;
- Flashlight.



Technical specifications

Model	TA882A
AC voltage	12V ~ 300V AC
Frequency	50Hz / 60Hz

Special function

Alarm mode	Sound /Light
Display	Dual-color three-digit display with a maximum indication of 300 (default green, switches to red in alarm condition)
Flashlight	✓
Data hold	✓
Live/Neutral test	✓
With polarity detection	✓
Continuity test	✓
Low battery prompt	✓ (below 3.3V)
Auto power off	15 mins

Basic parameters

Working environment	0 ~ 40°C, max75%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max95% (battery included)
Power	3.7 V / 220mAh / USB interface
Product size	161 × 26 × 17mm
Weight	Approx. 46g (included battery)
Delivery contents	Meter, box, manual, USB cable
Packing quantity	100pcs
Packing weight	6.7kg
Packing size	41 × 35 × 16cm



SOCKET TESTER
TA891B C D / TA892B C D / TA893B C D / TA894B C D



ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1

Patent
Appearance: 201930572246.X
Utility model: 201921447896.2

Features
- *Voltage display;*
- *Voice indication;*
- *GFCI/RCD test.*











Technical specifications

Model	TA891B/C/D	TA892B/C/D	TA893B/C/D	TA894B/C/D
Plug type	UK plug / EU plug / US plug (selectable)			
Voice indication	—	✓	—	✓
Voltage display	—	—	✓	✓
AC voltage	175 ~ 250V/50Hz~60Hz			
Accuracy	±(2.0%+2)			
Leakage voltage	AC 220V±20V			
Leakage current	Type B>5mA; Type A / Type C / Type D>30mA			

Note: 10A: common socket; 16A: 10A to 16A power adapter is needed

Basic parameters

Working environment	0 ~ 40°C, max75%, indoor altitude <2000m			
Storage environment	-10 ~ 50°C, max80%			
Power	87 × 58 × 63mm			
Product size	Approx. 90g			
Delivery contents	Meter, box, manual			
Packing quantity	100pcs			
Packing weight	12.9kg	14.2kg	13.5kg	14.2kg
Packing size	41 × 40 × 45cm			

BRAKE FLUID TESTER
TA15A

ISO 9001

Features
- *Detection types: DOT3,DOT4,DOT5.1;*
- *Audible and visible alarm.*



Technical specifications

Model	TA15A
Range	0% ~ 4%
Error	±0.3%
Detection types	DOT3; DOT4; DOT5.1
Auto power off	5 mins

Basic parameters

Working environment	0 ~ 40°C, max95%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max70% (battery included)
Power	2 × 1.5V AAA
Product size	174 × 23 × 28mm
Weight	Approx. 32g (battery not included)
Delivery contents	Meter, box, manual
Packing quantity	200pcs
Packing weight	18.5kg
Packing size	45 × 38.5 × 31cm





DIGITAL MULTIMETER
TA800A



ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1
EN:61010-1

Patent
Appearance: 202230125649.1

Features
- HD backlight;
- Data hold;
- Diode measurements;
- DC current 10A.





Technical specifications

Model	TA800A
Measurement	Manual
DC voltage	0.1mV ~ 600V ±(1.0%+5)
AC voltage	0.01V ~ 600V ±(1.2%+5)
DC current	0.1mA ~ 10A ±(1.5%+5)
Resistance	0.1Ω ~ 20MΩ ±(1.2%+5)

Special function

Diode	✓
True RMS	✓
Backlight	✓
Continuity	✓
Data hold	✓
Auto power off	15 mins (can be disabled)
Display	1999
Input impedance	10MΩ
Sampling time	3 times/s
Low Voltage Alert	✓

Basic parameters

Working environment	0 ~ 40°C, max80%, indoor altitude <2000m
Storage environment	-10 ~ 60°C, max70% (battery included)
Screen size	38 × 21mm
Power	2 × 1.5V AAA
Product size	130 × 33 × 66mm
Weight	Approx. 90g (battery not included)
Delivery contents	Meter, box, manual, test leads ×1 pair
Packing quantity	60pcs
Packing weight	13.4kg
Packing size	49 × 26.5 × 31.5cm

DIGITAL MULTIMETER
TA801A / TA801B / TA801C / TA801D

ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1
EN:61010-1

Patent
Appearance: 201930099555.X

Features
- HD backlight;
- Flashlight;
- Non contact voltage sensing;
- Variable frequency voltage test.(TA801C)



Technical specifications

Model	TA801A	TA801B	TA801C	TA801D
Measurement	Manual	Auto / Manual	Auto	Auto identifictaion
DC voltage	0.1mV ~ 600V ±(0.5%+2)	0.1mV ~ 600V ±(0.8%+5)	0.01mV ~ 600V ±(0.5%+2)	0.1mV ~ 600V ±(0.5%+3)
AC voltage	0.1V ~ 600V ±(1.2%+10)	0.001V ~ 600V ±(1.0%+3)	0.01mV ~ 600V ±(1.0%+3)	0.001V ~ 600V ±(1.0%+3)
DC current	1μA ~ 10A ±(1.0%+2)	0.1μA ~ 10A ±(1.0%+2)	0.1μA ~ 10A ±(1.0%+2)	0.01mA ~ 600mA ±(1.2%+10)
AC current	—	0.1μA ~ 10A ±(1.0%+5)	0.1μA ~ 10A ±(1.0%+5)	0.01mA ~ 600mA ±(1.2%+10)
Resistance	0.1Ω ~ 20MΩ ±(0.8%+3)	0.1Ω ~ 60MΩ ±(0.8%+2)	0.1Ω ~ 100MΩ ±(0.8%+2)	0.1Ω ~ 60MΩ ±(0.8%+10)
Capacitance	—	1nF ~ 60000μF ±(3.0%+5)	1nF ~ 100000μF ±(3.0%+10)	1nF ~ 60000μF ±(3.5%+20)
Frequency	—	10Hz ~ 10MHz ±(0.1%+5)	10Hz ~ 10MHz ±(0.1%+3)	40Hz ~ 10MHz ±(0.1%+3)

Special function

Diode	✓	✓	✓	✓
NCV	✓	✓	✓	✓
VFC test	—	—	✓	—
On/Off buzzer	✓	✓	✓	✓
True RMS	✓	✓	✓	✓
Display	1999	5999	9999	5999
Input impedance	10MΩ			
Sampling time	3 times/s			

Basic parameters

Screen size	49 × 31mm
Power	2 × 1.5V AAA
Product size	148 × 70 × 42mm
Weight	Approx. 200g (Battery not included)
Delivery contents	Meter, box, manual, test leads×1 pair
Packing quantity	60pcs
Packing weight	23.5kg
Packing size	59 × 37 × 35cm







DIGITAL MULTIMETER
TA803A / TA803B / TA803C



ISO 9001

EMC & LVD
EN:61326-1
EN:61010-1

Features
- Flashlight;
- HD backlight;
- Triode test;
- Temperature test;
- Non contact voltage sensing.



Technical specifications

Model	TA803A	TA803B	TA803C
Range	Manual	Auto/Manual	Auto/Manual
DC voltage	0.1mV ~ 1000V ±(1.0%+10)	0.1mV~1000V ±(0.8%+10)	0.01mV~1000V ±(0.5%+5)
AC voltage	0.001V ~ 750V ±(1.2%+10)	0.001V ~ 750V ±(1.2%+10)	0.01mV~750V ±(0.6%+25)
DC current	0.01μA ~ 10A ±(1.5%+10)	0.1μA ~ 10A ±(2.0%+30)	0.01μA ~ 10A ±(0.5%+4)
AC current	0.01μA ~ 10A ±(3.0%+10)	0.1μA ~ 10A ±(2.0%+30)	0.01μA ~ 10A ±(0.5%+4)
Resistance	0.1Ω ~ 20MΩ ±(1.2%+8)	0.1Ω ~ 60MΩ ±(1.0%+25)	0.01Ω ~ 20MΩ ±(0.3%+5)
Capacitance	1nF ~ 20000μF ±(5.0%+10)	1nF ~ 6000μF ±(5.0%+10)	1nF ~ 2000μF ±(3.5%+20)
Frequency	40Hz ~ 1000Hz ±(0.1%+3)	10Hz ~ 100kHz ±(0.1%+3)	10Hz ~ 20MHz ±(0.01%+3)
Temperature	—	-20°C ~ 1000°C	-20°C ~ 1000°C

Special function

Analog bar graph	✓	—	✓
Avg	✓	—	—
Diode	✓	✓	✓
Triode	✓	—	—
Max/Min	—	✓	—
NCV	✓	—	—
Relative value	—	✓	✓
Display	1999	5999	19999
Input impedance	10MΩ		
Sampling time	3 times/s		

Basic parameters

Screen size	51 × 32mm
Power	1 × 6F22 9V
Product size	184 × 88 × 46mm
Weight	Approx. 320g (Battery not included)
Delivery contents	Meter, box, manual, test leads ×1 pair
Packing quantity	30pcs
Packing weight	17.5kg
Packing size	43.5 × 33.5 × 42.5cm



DIGITAL MULTIMETER
TA8301

ISO 9001

EMC & LVD
EN:61326-1
EN:61010-1

Features
- Voice indication;
- Flashlight;
- HD backlight;
- Triode test;
- Temperature test;
- Non contact voltage sensing.



Technical specifications

Model	TA8301
Range	Manual
DC voltage	0.1mV ~ 1000V ±(1.0%+10)
AC voltage	0.001V ~ 750V ±(1.2%+10)
DC current	0.01μA ~ 10A ±(1.5%+10)
AC current	0.01μA ~ 10A ±(3.0%+10)
Resistance	0.1Ω ~ 20MΩ ±(1.2%+8)
Capacitance	1nF ~ 20000μF ±(5.0%+10)
Frequency	40Hz ~ 1000Hz ±(0.1%+3)
Temperature	—

Special function

Analog bar graph	✓
Avg	✓
Diode	✓
Triode	✓
Max/Min	—
NCV	✓
Relative value	—
Display	1999
Input impedance	10MΩ
Sampling time	3 times/s

Basic parameters

Screen size	51 × 32mm
Power	1 × 6F22 9V
Product size	184 × 88 × 46mm
Weight	Approx. 320g (Battery not included)
Delivery contents	Meter, box, manual, test leads ×1 pair
Packing quantity	30pcs
Packing weight	18.7kg
Packing size	43.5 × 33.5 × 42.5cm





PEN TYPE MULTIMETER
TA802A / TA802B



ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1
EN:61010-1

Patent
Appearance: 201930344873.8

Features
- Flashlight;
- Rotable screen with 180°;
- High/Low logic level;
- Live/Neutral wire test;
- Non contact voltage sensing.





Technical specifications

Model	TA802A	TA802B
Measurement	Auto	Auto identifictaion
DC voltage	0.1mV ~ 600V ±(0.8%+5)	0.1mV ~ 600V ±(0.8%+5)
AC voltage	0.001V ~ 600V ±(1%+3)	0.001V ~ 600V ±(1%+3)
DC current	0.01mA ~ 600mA ±(2%+2)	—
AC current	0.01mA ~ 600mA ±(2%+2)	—
Capacitance	1nF ~ 60000μF ±(3%+5)	1nF ~ 60000μF ±(3%+5)
Frequency	40Hz ~ 6MHz ±(0.1%+5)	40Hz ~ 9.9MHz ±(0.1%+5)
Resistance	0.1Ω ~ 60MΩ ±(0.8%+2)	0.1Ω ~ 60MΩ ±(0.8%+2)

Special function

Logic level	✓	—
NCV	✓	✓
Live/Neutral test	✓	✓
Auto power off	✓	✓
Backlight	✓	✓
Flashlight	✓	✓
Display	5999	

Basic parameters

Working environment	0 ~ 40°C, max80%, indoor altitude <2000m
Storage environment	-10 ~ 60°C, max70% (battery included)
Screen size	39 × 17mm
Power	2 × 1.5V AAA
Product size	198 × 51 × 32mm
Weight	Approx. 290g (battery not included)
Delivery contents	Meter, box, manual, test leads ×1
Packing quantity	40pcs
Packing weight	12.7kg
Packing size	51 × 29 × 40cm

SMART MULTIMETER
TA804A / TA804B

ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1
EN:61010-1

Patent
Appearance: 202030503214.7
Appearance: 202030503213.2

Features
- Ultra-thin body;
- Flashlight;
- Auto-identification;
- 3.5" color screen;
- Ambient temperature test;
- Live/Neutral wire test;
- Non contact voltage sensing.







Technical specifications

Model	TA804A	TA804B
Measurement	Auto	Auto identification/Manual
DC Voltage	0.9V ~ 600V ±(0.8%+5)	0.1mV ~ 600V ±(0.8%+5)
AC Voltage	0.9V ~ 600V ±(1.0%+3)	1mV ~ 600V ±(1.0%+3)
Resistance	10Ω ~ 60MΩ ±(1.5%+2)	0.1Ω ~ 60MΩ ±(1.5%+2)
Frequency	40Hz ~ 999Hz ±(0.1%+5)	40Hz ~ 1KHz ±(0.1%+5)
Capacitance	—	1nF ~ 60000μF ±(3%+10)

Special function

Diode	—	✓
On/Off buzzer	✓	✓
NCV	✓	✓
Live/Neutral test	✓	✓
Ambient temp.	0~40°C	0~40°C
Low battery	✓	✓
Over range indication	OL	OL
Positive/Negative indication	✓	✓
Analog bar graph	✓	✓
Sampling rate	3 times/s	3 times/s
Auto power off	✓	✓
Display	5999	5999

Basic parameters

Screen size	49 × 31mm	
Power	1 × 1.5V AAA	
Product size	148 × 76 × 19mm	
Weight	Approx. 167g (battery not included)	Approx. 175g (battery not included)
Delivery contents	Meter, box, manual, test leads ×1 pair	
Packing quantity	60pcs	
Packing weight	19kg	
Packing size	37 × 37 × 39.5cm	

SMART MULTIMETER
TA805A / TA805B



ISO 9001

EMC & LVD
EN:61326-1
EN:61010-1

Patent
Appearance: 202130569610.4
Utility model: 202122420430.7

Features
- *Ultra-thin body;*
- *Flashlight;*
- *10A current range;*
- *Range/input jack indication;*
- *Wireless charging.(TA805B)*

Technical specifications

Model	TA805A	TA805B
Measurement	Automatic identification / Manual	
DC voltage	0.01mV ~ 1000V ±(0.5%+5)	
AC voltage	0.01mV ~ 750V ±(0.8%+5)	
DC current	0.001mA ~ 10A ±(1%+2)	
AC current	0.001mA ~ 10A ±(1%+2)	
Resistance	0.1Ω ~ 100MΩ ±(0.8%+3)	
Capacitance	0.01nF ~ 100000μF ±(4.0%+5)	
Frequency	1Hz ~ 10MHz ±(0.1%+5)	
Duty circle	10 ~ 95% ±(1.0%+5)	
Temperature	-40℃ ~ 1000℃ (-40℉ ~ 1832℉) ± (1.0%+3) (defined range for meter only, real measurement should be based on the probe test range)	

Special function

Data hold	✓
Analog bar graph	✓
Live/Neutral test	✓
NCV	✓
Diode	✓
Continuity	✓
Max/Min/Rel	✓
Display	9999

Basic parameters

Screen size	73 × 51mm	
Power	4 × 1.5V AAA	3.7V 1000mAH lithium battery (wireless charging)
Product size	153 × 81 × 27mm	
Weight	Approx. 235g (battery not included)	Approx. 240g (battery included)
Delivery contents	Meter, carrying case, manual, test leads ×1 pair, thermocouple probe	
Packing quantity	30pcs	
Packing weight	19kg	
Packing size	43 × 31 × 34cm	





DIGITAL MULTIMETER
TA806A / TA806B

ISO 9001

EMC & LVD
EN:61326-1
EN:61010-1

Patent
Appearance: 202230784301.3

Features
- *HD backlight;*
- *Flashlight;*
- *Non contact voltage sensing;*
- *Capacitance / Frequency / Diode(TA806B);*
- *AC/DC 600V.*



Technical specifications

Model	TA806A	TA806B
Measurement	Auto identification	Auto identification / Manual
DC voltage	0.8V ~ 600V ±(1.0%+5)	0.8V ~ 600V ±(1.0%+5)
AC voltage	0.8V ~ 600V ±(1.2%+5)	0.8V ~ 600V ±(1.2%+5)
Resistance	1Ω ~ 40MΩ ±(1.2%+5)	1Ω ~ 40MΩ ±(1.2%+5)
Capacitance	—	1nF ~ 2000μF ±(3.5%+10)
Frequency	—	40Hz ~ 1000Hz ±(0.1%+5)

Basic parameters

Diode	—	✓
NCV	✓	
Continuity	✓	
Data hold	✓	
Flashlight	✓	
Overload	"OL"	
Auto power off	15 mins (can be disabled)	
Display	4 digits, max 4000	
Sampling time	3 times/s	

Basic parameters

Working environment	-10 ~ 40°C, max80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max70% (battery included)
Screen size	33 × 25mm
Power	2 × 1.5V AAA
Product size	117 × 58 × 26mm
Weight	Approx. 75g (battery not included)
Delivery contents	Meter, box, manual, test leads ×1 pair
Packing quantity	60pcs
Packing weight	11.2kg
Packing size	49 × 27 × 31cm





DIGITAL MULTIMETER
TA807A / TA807B



ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1
EN:61010-1

Features
- VA color screen;
- Flashlight;
- Non contact voltage sensing;
- Capacitance(TA807B) / Diode(TA807B);
- AC/DC 600V.

Technical specifications

Model	TA807A	TA807B
Measurement	Automatic identification / Manual	
DC voltage	0.1V ~ 600V ±(1.2%+5)	
AC voltage	0.1V ~ 600V ±(1.2%+5)	
Resistance	0.1Ω ~ 60MΩ ±(1.2%+5)	
Capacitance	—	0.01nF ~ 60000μF ±(3.5%+5)
Frequency	40Hz ~ 10MHz ±(0.1%+5)	

Special function

Live/Neutral test	✓	
NCV	✓	
Diode	—	✓
Continuity	✓	
Data hold	✓	
Overload	"OL"	
Auto power off	15 mins (can be disabled)	
Sampling time	3 times/s	
Display	4 digits, max 6000	

Basic parameters

Working environment	-10 ~ 50°C, max80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max70% (battery included)
Screen size	42 × 52mm
Power	2 × 1.5V AAA
Product size	130 × 66 × 19mm
Weight	Approx. 175g (battery not included)
Delivery contents	Meter, box, manual, test leads ×1 pair
Packing quantity	40pcs
Packing weight	9.2kg
Packing size	32 × 30.5 × 24.5cm



CLAMP METER
TA8315A / TA8315B / TA8315C / TA8315D / TA8315E

ISO 9001

Designed and Conforms to IEC61010-1 CAT III 1000V

EMC & LVD
EN:61326-1
EN:61010-1



Features
- AC/DC 600A;
- Clamp open up to 27mm;
- Square wave output;
- Flashlight;
- Temperature test;
- Non contact voltage sensing.

Technical specifications

Model	TA8315A	TA8315B	TA8315C	TA8315D	TA8315E
Measurement	Auto	Auto	Auto	Auto	Auto identification
DC voltage	0.1mV~1000V ±(0.5%+3)	0.1mV~1000V ±(0.5%+3)	0.1mV~1000V ±(0.5%+3)	0.1mV~1000V ±(0.5%+3)	0.6V~600V ±(0.5%+3)
AC voltage	1mV~750V ±(1.2%+10)	1mV~750V ±(1.2%+10)	1mV~750V ±(1.2%+10)	1mV~750V ±(1.2%+10)	0.6V~600V ±(0.8%+10)
DC current	—	—	—	0.1A~600A ±(2%+30)	—
AC current	0.01A~600A ±(2%+30)	0.01A~600A ±(2%+30)	0.01A~600A ±(2%+30)	0.6A~600A ±(2%+30)	15mA~600A ±(2%+30)
Resistance	0.1Ω~40MΩ ±(1.2%+8)	0.1Ω~40MΩ ±(1.2%+8)	0.1Ω~40MΩ ±(1.2%+8)	0.1Ω~40MΩ ±(1.2%+8)	0.1Ω~60MΩ ±(2.5%+3)
Capacitance	—	—	1nF~30000μF ±(5%+10)	1nF~30000μF ±(5%+10)	10nF~60000μF ±(5%+3)
Frequency	—	10Hz~10MHz ±(0.1%+3)	10Hz~10MHz ±(0.1%+3)	10Hz~10MHz ±(0.1%+3)	—
Temperature	—	-20~1000°C	-20~1000°C	-20~1000°C	—
Square wave output	—	—	50Hz~5000Hz	50Hz~5000Hz	—

Special function

Max/Min	✓	✓	✓	—	—
Flashlight	—	✓	✓	✓	✓
Display	3999	5999	5999	5999	5999

Basic parameters

Clamp open	27mm
Screen size	32 × 23mm
Power	2 × 1.5V AAA
Product size	176 × 67 × 33mm
Weight	Approx. 300g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, test leads ×1 pair, thermocouple probe
Packing quantity	40pcs
Packing weight	17kg
Packing size	45 × 25 × 42cm

CLAMP METER
TA811A / TA811B / TA811C



ISO 9001

Features
- AC/DC 600A;
- Clamp open up to 27mm;
- High /low impedance voltage test (TA811B/C);
- High voltage/current orange backlight alert;
- Flashlight;
- Temperature test;
- Non contact voltage sensing.





Technical specifications

Model	TA811A	TA811B	TA811C
Measurement	Auto	Auto	Auto
DC voltage	0.1mV~600V ±(0.5%+5)	0.1mV~600V ±(0.5%+5)	0.1mV~600V ±(0.5%+5)
AC voltage	0.001V~600V ±(0.8%+5)	0.001V~600V ±(0.8%+5)	0.001V~600V ±(0.8%+5)
DC current	—	—	0.01A~600A ±(2.5%+5)
AC current	0.01A~600A ±(2.5%+5)	0.01A~600A ±(2.5%+5)	0.01A~600A ±(2.5%+5)
Resistance	0.1Ω~40MΩ ±(1.0%+5)	0.1Ω~60MΩ ±(1.0%+5)	0.1Ω~60MΩ ±(1.0%+5)
Capacitance	1nF~4000μF ±(4.0%+5)	1nF~100000μF ±(4.0%+5)	1nF~100000μF ±(4.0%+5)
Frequency	—	10Hz~10MHz ±(1.0%+3)	10Hz~10MHz ±(1.0%+3)
Temperature	—	-20~1000°C	-20~1000°C

Special function

Max/Min	✓	✓	✓
High/Low impedance test	—	✓	✓
Display	3999	5999	5999
Auto power off	15 mins (can be disabled)		
Sampling time	3 times/s		

Basic parameters

Working environment	0 ~ 40°C, max80%, indoor altitude <2000m
Storage environment	-10 ~ 60°C, max70% (battery included)
Clamp open	27mm
Screen size	33 × 24mm
Power	2 × 1.5V AAA
Product size	194 × 59 × 29mm
Weight	Approx. 177g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, test leads ×1 pair, thermocouple probe
Packing quantity	40pcs
Packing weight	18kg
Packing size	48 × 25 × 47.5cm

CLAMP METER
TA813A+ / TA813B+

ISO 9001



Features
- AC/DC 1000A;
- Clamp open up to 40mm;
- High /low impedance voltage test;
- Relative value/ Zero/ Inductance (TA813B+);
- Flashlight;
- Temperature test;
- Non contact voltage sensing.

Technical specifications

Model	TA813A+	TA813B+
Measurement	Auto / Manual range	Auto / Manual range
DC voltage	0.1mV~1000V ±(0.5%+5)	0.001V~1000V ±(0.5%+5)
AC voltage	0.001V~750V ±(0.8%+5)	0.001V~750V ±(0.8%+5)
DC current	—	0.01A~1000A ±(2.5%+5)
AC current	0.01A~1000A ±(2.5%+8)	0.01A~1000A ±(2.5%+8)
Resistance	0.1Ω~60MΩ ±(1.0%+5)	0.1Ω~100MΩ ±(1.0%+5)
Capacitance	1nF~60000μF ±(3.0%+3)	1nF~100000μF ±(3.0%+3)
Inductance	—	0.001mH~20H ±(1.0%+3)
Frequency	10Hz~10MHz ±(1.0%+3)	
Duty circle	1%~99% ±(3.0%+3)	
Temperature	-20~1000°C	

Special function

Max/Min	✓	
Relative value	—	✓
Zero	—	✓
Diode/NCV	✓	
High/Low impedance test	✓	
Display	6000	9999

Basic parameters

Clamp open	40mm
Screen size	42 × 38mm
Power	3 × 1.5V AAA
Product size	254 × 93 × 40mm
Weight	Approx. 190g (battery not included)
Delivery contents	Meter, box, manual, test leads ×1 pair, thermocouple probe
Packing quantity	30pcs
Packing weight	18kg
Packing size	61 × 33 × 35cm

INFRARED THERMOMETER
TA600A+ / TA600B+



ISO 9001

Patent
Appearance: 202330238152.5

Features
- *HD backlight;*
- *Data hold;*
- *°C/ °F;*
- *Emissivity 0.95.*

Technical specifications

Model	TA600A+	TA600B+
Range	-32 ~ 400°C (-25.6 ~ 752°F)	-32 ~ 550°C (-25.6 ~ 1022°F)
Accuracy (Calibration geometry with ambient temp. 21~25°C /70°F~77°F)	>0°C: ±(1.5%+1.5°C); ≤0°C: ±3°C; >32°F: ±(1.5%+2.7°F); ≤32°F: ±5°F	
Response time	<500ms(95% of reading)	
Spectral response	8μm ~ 14μm	
Optical resolution	10:1 (calculated at 90% energy)	
Emissivity	0.95	
Repeatability	1% of reading or 1°C	
Laser	Wavelength 650nm, output less than 5mW. laser grade: class 3	
Data hold	✓	
°C/ °F	✓	
Auto power off	15 seconds	
Display	4 digits, max 8888	

Basic parameters

Operating temperature	0 ~ 50°C (32 ~ 122°F)
Storage temperature	-20 ~ 60°C (-4 ~ 140°F)
Operating humidity	≤80% relative humidity(non-condensing)
Screen size	23 × 23mm
Power	2 × 1.5V AAA
Product size	148 × 95 × 39mm
Weight	Approx. 103g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	8.2kg
Packing size	53 × 40 × 27cm



INFRARED THERMOMETER
TA606A+ / TA606B+

ISO 9001



Patent
Appearance: 202330238203.4

Features
- *VA color screen;*
- *Data hold;*
- *°C/ °F;*
- *Emissivity 0.95.*

Technical specifications

Model	TA606A+	TA606B+
Range	-32 ~ 400°C (-25.6 ~ 752°F)	-32 ~ 550°C (-25.6 ~ 1022°F)
Accuracy (Calibration geometry with ambient temp. 21~25°C /70°F~77°F)	>0°C: ±(1.5%+1.5°C); ≤0°C: ±3°C; >32°F: ±(1.5%+2.7°F); ≤32°F: ±5°F	
Response time	<500ms(95% of reading)	
Spectral response	8μm ~ 14μm	
Optical resolution	10:1 (calculated at 90% energy)	
Emissivity	0.95	
Repeatability	1% of reading or 1°C	
Laser	Wavelength 650nm, output less than 5mW. laser grade: class 3	
Data hold	✓	
°C/ °F	✓	
Auto power off	15 seconds	
Display	4 digits, max 8888	

Basic parameters

Operating temperature	0 ~ 50°C (32 ~ 122°F)
Storage temperature	-20 ~ 60°C (-4 ~ 140°F)
Operating humidity	≤80% relative humidity(non-condensing)
Screen size	23 × 23mm
Power	2 × 1.5V AAA
Product size	151 × 91 × 40mm
Weight	Approx. 103g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	8.2kg
Packing size	53 × 40 × 27cm



INFRARED THERMOMETER
TA601A / TA601B / TA601C / TA601D



ISO 9001

Patent
Appearance: 201930099553.0

Features
- *VA color screen;*
- *9-point circular laser;*
- *Max value hold;*
- *Upper/Lower limit sound & light alert;*
- *Ambient temp./hum./DP/WB test; (TA601D)*
- *K type thermocouple test. (TA601D)*

Technical specifications

Model	TA601A	TA601B	TA601C	TA601D
Range	-50 ~ 480°C (-58 ~ 896°F)	-50 ~ 680°C (-58 ~ 1256°F)	-50 ~ 880°C (-58 ~ 1616°F)	-50 ~ 880°C (-58 ~ 1616°F)
Accuracy (Calibration geometry with ambient temp. 21~25°C /70°F ~ 77°F)	>0°C: ±(1.5%+1.5°C); ≤0°C: ±3°C; >32°F: ±(1.5%+2.7°F); ≤32°F: ±5°F			
K-type temperature range	—	—	—	-50 ~ 999°C
Ambient temperature	—	—	—	-20 ~ 60°C
Relative humidity	—	—	—	1 ~ 99%RH
Dew point temperature	—	—	—	-20 ~ 60°C
Wet bulb temperature	—	—	—	-20 ~ 60°C
Response time	<500ms(95% of reading)			
Spectral response	8μm ~ 14μm			
Optical resolution	12:1 (calculated at 90% energy)			
Emissivity	0.1 to1.00 adjustable in steps of 0.01, (default 0.95)			
Display resolution	0.1°C (0.1°F)			
Repeatability	±1.0% of reading or ±1.0°C (±2.0°F),whichever is greater			
Laser	Wave length 650nm,output less than 1mW,laser grade: class 2			
Display	4 digits, max 8888			

Basic parameters

Operating temperature	0 ~ 50°C (32 ~ 122°F)
Storage temperature	-20 ~ 60°C (-4 ~ 140°F)
Operating humidity	≤80% relative humidity(non-condensing)
Screen size	29 × 27mm
Power	2 × 1.5V AAA
Product size	155 × 92 × 42mm
Weight	Approx. 180g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, K type probe
Packing quantity	40pcs
Packing weight	12.2kg
Packing size	53 × 40 × 27cm





INFRARED THERMOMETER
TA604A / TA604B / TA604C

ISO 9001



Patent
Appearance: 202130200165.4

Features
- *VA color screen;*
- *13-point circular laser;*
- *Max value hold;*
- *Upper/Lower limit sound & light alert.*

Technical specifications

Model	TA604A	TA604B	TA604C
Range	-50 ~ 480°C (-58 ~ 896°F)	-50 ~ 680°C (-58 ~ 1256°F)	-50 ~ 880°C (-58 ~ 1616°F)
Accuracy (Calibration geometry with ambient temp. 21~25°C /70°F ~ 77°F)	>0°C: ±(1.5%+1.5°C); ≤0°C: ±3°C; >32°F: ±(1.5%+2.7°F); ≤32°F: ±5°F		
Response time	<500ms(95% of reading)		
Spectral response	8μm ~ 14μm		
Optical resolution	12:1 (calculated at 90% energy)		
Emissivity	0.1 to1.00 adjustable in steps of 0.01, (default 0.95)		
Display resolution	0.1°C (0.1°F)		
Repeatability	±1.0% of reading or ±1.0°C (±2.0°F),whichever is greater		
Laser	Wave length 650nm,output less than 1mW,laser grade: class 2		
Over range indication	"Lo" or "Hi"		
Display	4 digits, max 8888		

Basic parameters

Operating temperature	0 ~ 50°C (32 ~ 122°F)
Storage temperature	-20 ~ 60°C (-4 ~ 140°F)
Operating humidity	≤80% relative humidity(non-condensing)
Screen size	29 × 27mm
Power	2 × 1.5V AAA
Product size	155 × 87 × 42mm
Weight	Approx. 180g (battery not included)
Delivery contents	Meter, box, cloth bag, manual
Packing quantity	40pcs
Packing weight	8.2kg
Packing size	53 × 40 × 27cm





INFRARED THERMOMETER
TA605A / TA605B / TA605C



ISO 9001

Patent
Appearance: 202130200301.X

Features
- *VA color screen;*
- *13-point circular laser;*
- *Max value hold;*
- *Upper/Lower limit sound & light alert.*

Technical specifications

Model	TA605A	TA605B	TA605C
Range	-50 ~ 480°C (-58 ~ 896°F)	-50 ~ 680°C (-58 ~ 1256°F)	-50 ~ 880°C (-58 ~ 1616°F)
Accuracy (Calibration geometry with ambient temp. 21~25°C /70°F ~77°F)	>0°C: ±(1.5%+1.5°C); ≤0°C: ±3°C; >32°F: ±(1.5%+2.7°F); ≤32°F: ±5°F		
Response time	<500ms(95% of reading)		
Spectral response	8μm ~ 14μm		
Optical resolution	12:1 (calculated at 90% energy)		
Emissivity	0.1 to1.00 adjustable in steps of 0.01, (default 0.95)		
Display resolution	0.1°C (0.1°F)		
Repeatability	±1.0% of reading or ±1.0°C (±2.0°F),whichever is greater		
Laser	Wave length 650nm,output less than 1mW,laser grade: class 2		
Over range indication	"Lo" or "Hi"		
Display	4 digits, max 8888		

Basic parameters

Operating temperature	0 ~ 50°C (32 ~ 122°F)
Storage temperature	-20 ~ 60°C (-4 ~ 140°F)
Operating humidity	≤80% relative humidity(non-condensing)
Screen size	29 × 27mm
Power	2 × 1.5V AAA
Product size	155 × 90 × 42mm
Weight	Approx. 180g (battery not included)
Delivery contents	Meter, box, cloth bag, manual
Packing quantity	40pcs
Packing weight	8.2kg
Packing size	53 × 40 × 27cm





INFRARED THERMOMETER
TA603A / TA603B / TA603C / TA603D / TA603E

ISO 9001

Patent
Appearance: 201930562590.0

Features
- *VA color screen;*
- *255 groups data storage;*
- *Max/Min/Avg/Relative value measurement;*
- *Upper/Lower limit sound & light alert.*



Technical specifications

Model	TA603A	TA603B	TA603C	TA603D	TA603E
Range	-32 ~ 1080°C (-26 ~ 1976°F)	-32 ~ 1380°C (-26 ~ 2516°F)	-32 ~ 1680°C (-26 ~ 3056°F)	50 ~ 1880°C (122 ~ 3416°F)	50 ~ 2200°C (122 ~ 3992°F)
Accuracy (Calibration geometry with ambient temp. 21~25°C /70°F ~77°F)	-32 ~ 100°C(±2°C), -26 ~ 212°F(±4°F); 100 ~ 800°C(±2%), 212 ~ 1472°F(±2%); 800°C above(±3%), 1472°F above(±3%);				
Response time	<500ms(95% of reading)				
Spectral response	8μm ~ 14μm				
Optical resolution	50:1 (calculated at 90% energy)		80:1 (calculated at 90% energy)		
Emissivity	0.1 to1.00 adjustable in steps of 0.01, (default 0.95)				
Display resolution	-32 ~ 1000°C(0.1°C)/ 1000 above 1°C				
Repeatability	±1.0% of reading or ±1.0°C (±2.0°F), whichever is greater				
Laser	Wave length 650nm, output less than 1mW, laser grade: class 2				
Display	5 digits, max 99999				
Data storage	255 groups				
Auto power off	1 min				

Basic parameters

Operating temp.	0 ~ 50°C (32 ~ 122°F)
Storage temp.	-20 ~ 60°C (-4 ~ 140°F)
Operating hum.	≤80% relative humidity(non-condensing)
Screen size	39 × 41mm
Power	1 × 9V 6F22
Product size	214 × 141 × 60mm
Weight	Approx. 350g (battery not included)
Delivery contents	Meter, box, cloth bag, manual
Packing quantity	10pcs
Packing weight	9.5kg
Packing size	46 × 31 × 48cm





THERMOCOUPLE THERMOMETER
TA610A / TA610B



ISO 9001

Patent
Appearance: 202230833335.7

Features
- *HD backlight;*
- *Single channel/Dual channel;*
- *Max/Min measurement.*

Technical specifications

Model	TA610A	TA610B
Type	Single channel	Dual channel
Temp. difference	—	✓
Range	K-type: -200℃ ~ +1372℃ (-328℉ ~ +2501℉)	K-type: -200℃ ~ +1372℃ (-328℉ ~ +1999℉)
Accuracy	±(0.2%+0.7)	
Resolution	(-99.9 ~ +999.9℃/℉) 0.1℃/℉ (-200 ~ -100℃/℉; ≥1000℃/℉) 1℃/℉	(-99.9 ~ +199.9℃/℉) 0.1℃/℉ (-200 ~ -100℃/℉; ≥200℃/℉) 1℃/℉
Display	9999	1999

Special function

Data hold	✓
Max/Min	✓
Auto power off	15 mins (can be disabled)
Sampling time	1 time/s
K type thermocouple probe	Standard probe: TA610A(1pcs), TA610B(2pcs) Probe range: -20℃~200℃, accuracy: ±2.5%

Basic parameters

Working environment	-10 ~ 50℃, max80%, indoor altitude <2000m
Storage environment	-10 ~ 50℃, max70% (battery included)
Screen size	34 × 31mm
Power	2 × 1.5V AAA
Product size	130 × 59 × 29mm
Weight	Approx. 100g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual, K type probe
Packing quantity	40pcs
Packing weight	12kg
Packing size	42 × 25 × 36cm





THERMOCOUPLE THERMOMETER
TA611A / TA611B

ISO 9001

Patent
Appearance: 202130671739.6

Features
- *VA color screen;*
- *ADJ temp. compensation;*
- *Max/Min/Avg measurement;*
- *Upper/Lower limit red backlight alert.*



Technical specifications

Model		TA611A	TA611B
Type		Single channel	Dual channel
Temp. difference		—	✓
Range		K-type: -200℃ ~ +1372℃ (-328℉ ~ +2501℉)	
		J-type: -200℃ ~ +1200℃ (-328℉ ~ +2192℉)	
		T-type: -200℃ ~ +400℃ (-328℉ ~ +752℉)	
Accuracy		±(0.2%+0.7)	
Resolution		(-99.9 ~ +999.9℃/℉) 0.1℃/℉; (-200 ~ -100℃/℉; ≥1000℃/℉) 1℃/℉	
Ambient temp.	Range	0 ~ 60℃	—
	Accuracy	±2℃	—
Display		9999	

Special function

High limit alarm	Default: 1300℃
Low limit alarm	Default: -200℃
ADJ compensation	-9.9℃ ~ +9.9℃
Max/Min/Avg	✓
Sampling time	1 time/s
K type thermocouple probe	Standard probe: TA611A(1pcs), TA611B(2pcs) Probe range: -20℃~200℃, accuracy: ±2.5%

Basic parameters

Working environment	-10 ~ 50℃, max80%, indoor altitude <2000m	
Storage environment	-10 ~ 50℃, max70% (battery included)	
Screen size	37 × 41mm	
Power	3 × 1.5V AAA	
Product size	152 × 55 × 33mm	
Weight	Approx. 125g (battery not included)	
Delivery contents	Meter, box, cloth bag, manual, K type probe	
Packing quantity	40pcs	
Packing weight	11.5kg	12kg
Packing size	46 × 29 × 41cm	





THERMOCOUPLE THERMOMETER
TA612A / TA612B / TA612C



ISO 9001

Patent
Appearance: 202030718546.7

Features
- *VA color screen;*
- *ADJ temp. compensation;*
- *Dual power supply mode;*
- *Data logger;*
- *Max/Min/Avg measurement;*
- *PC connection via USB(TA612C);*
- *Upper/Lower limit sound&light alert.*





Technical specifications

Model		TA612A	TA612B	TA612C
Type		Single channel	Dual channel	Four channel
Temp. difference		—	✓	—
Range		K-type: -200°C ~ +1372°C (-328°F ~ +2501°F)		
		J-type: -200°C ~ +1200°C (-328°F ~ +2192°F)		
		T-type: -200°C ~ +400°C (-328°F ~ +752°F)		
Accuracy		±(0.2%+0.7)		
Resolution		(-99.9 ~ +999.9°C/°F) 0.1°C/°F; (-200 ~ -100°C/°F; ≥1000°C/°F) 1°C/°F		
Ambient temp.	Range	0 ~ 60°C	—	—
	Accuracy	±2°C	—	—

Special function

High limit alarm	Default: 1300°C		
Low limit alarm	Default: -200°C		
ADJ compensation	-9°C ~ +9°C		
PC connection	—	—	✓
Data logger	9999 groups	9999 groups	5000 groups
Recording interval time setting	5s, 10s, 30s, 60s, 30min, 60min, 12h, 24h		
Bracket num.	1/4 inch nut		
Sampling time	1 times/s		
K type thermocouple probe	Standard probe: TA612A(1pcs), TA612B(2pcs), TA612C(4pcs) Probe range: -50°C ~ 300°C, accuracy: ±2.5%		

Basic parameters

Screen size	53 × 44mm
Power	3 × 1.5V AA / USB interface
Product size	177 × 70 × 35mm
Weight	Approx. 189g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, K type probe, USB cable
Packing quantity	30pcs
Packing weight	18kg
Packing size	61 × 33 × 35cm

THERMOCOUPLE THERMOMETER
TA616A / TA616B

ISO 9001



Features
- *HD backlight;*
- *Single channel/Dual channel;*
- *Max/Min measurement.*





Technical specifications

Model	TA616A	TA616B
Type	Single channel	Dual channel
Temp. difference	—	✓
Range	K-type: -200°C ~ +1372°C (-328°F ~ +2501°F)	K-type: -200°C ~ +1372°C (-328°F ~ +1999°F)
Accuracy	±(0.2%+0.7)	
Resolution	(-99.9 ~ +999.9°C/°F) 0.1°C/°F (-200 ~ -100°C/°F; ≥1000°C/°F) 1°C/°F	(-99.9 ~ +199.9°C/°F) 0.1°C/°F (-200 ~ -100°C/°F; ≥200°C/°F) 1°C/°F
Display	9999	1999

Special function

Data hold	✓
Max/Min	✓
Auto power off	15 mins (can be disabled)
Sampling time	1 times/s
K type thermocouple probe	Standard probe: TA616A(1pcs), TA616B(2pcs) Probe range: -20°C ~ 200°C, accuracy: ±2.5%

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	30 × 30mm
Power	2 × 1.5V AAA
Product size	126 × 56 × 28mm
Weight	Approx. 100g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual, K type probe
Packing quantity	40pcs
Packing weight	7.2kg
Packing size	42 × 25 × 36cm

DIGITAL LIGHT METER
TA630A / TA630B



ISO 9001

Patent
Appearance: 202230833333.8
Appearance: 201921447896.2

Features
- *HD backlight;*
- *LUX/FC unit;*
- *Max/Min measurement;*
- *Probe elastic cord can be extended to 100cm. (TA630B)*

Technical specifications

Model	TA630A	TA630B
Measurement	Integral type	Split type
Range	0.1 ~ 200000LUX; 0.01 ~ 20000FC	
Seletable range	200, 2000, 20000, 200000LUX 20, 200, 2000, 20000FC	
Accuracy	±(4%+10dgt); (Calibrated according to ordinary incandescent lamps at 2856°K)	
Resolution	LUX<200: 0.1; LUX≥200: 1 / FC<20: 0.1; 20≤FC<200: 0.1; FC≥200: 1	
Light sensor	Silicon photodiode with filter	
Display	4 digits, max 1999	
Incident angle	120°	
Repeatability	±2%	
Spectral response	400 ~ 700nm	

Special function

Data hold	✓
Max/Min	✓
Auto power off	15 mins (can be disabled)
Sampling time	2 times/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m	
Storage environment	-10 ~ 50°C, max 70% (battery included)	
Length	—	Approx. 100cm
Screen size	34 × 31mm	
Power	2 × 1.5V AAA	
Product size	168 × 59 × 29mm	130 × 59 × 29mm
Weight	Approx. 150g (battery not included)	Approx. 165g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual	
Packing quantity	40pcs	40pcs
Packing weight	8.7kg	10.9kg
Packing size	42 × 25 × 36cm	53 × 40 × 27cm





DIGITAL LIGHT METER
TA631B

ISO 9001



Patent
Appearance: 202130673249.X

Features
- *VA color screen;*
- *LUX/FC unit;*
- *Ambient temp./hum. measurement;*
- *Max/Min/Avg measurement;*
- *Upper/Lower limit red backlight alert.*

Technical specifications

Model	TA631B	
Range	0.1 ~ 299999LUX; 0.01 ~ 29999FC	
Seletable range	99.9, 999.9, 9999, 99999, 300000LUX 99.99, 999.9, 9999, 29999FC	
Accuracy	±(4%+5)(Calibrated according to ordinary incandescent lamps at 2856°K); ±(6%+5) other visible light; Cosine deviation feature 30° ±2%; 60° ±6%; 80° ±25%	
Resolution	LUX:<1000:0.1LUX; ≥1000:1LUX FC:<100:0.1FC;≥1000:1FC	
Ambient temp.	Range	0 ~ 60°C
	Accuracy	±1°C
Ambient Hum.	Range	0 ~ 99%RH
	Accuracy	±8%RH
Light sensor	Silicon photodiode with filter	
Display	6 digits, max 999999	
Incident angle	120°	
Repeatability	±2%	
Spectral response	400 ~ 700nm	

Special function

Data hold	✓
Max/Min/Avg	✓
Auto power off	10 mins (can be disabled)
Sampling time	8 time/s

Basic parameters

Screen size	37 × 41mm
Power	3 × 1.5V AAA
Product size	152 × 55 × 33mm
Weight	Approx. 125g (battery not included)
Delivery contents	Meter, box, cloth bag, manual
Packing quantity	40pcs
Packing weight	11.5kg
Packing size	46 × 29 × 41cm





DIGITAL LIGHT METER
TA632A / TA632B



ISO 9001

Patent
Appearance: 202030718544.8

Features
- *LUX/FC unit;*
- *VA color screen;*
- *Ambient temp. measurement;*
- *Dual power supply mode;*
- *LED color light measurement;*
- *Max/Min/Avg measurement;*
- *Probe elastic cord can be extended to 130cm;*
- *PC connection via USB(TA632B);*
- *Upper/Lower limit sound & light alarm.*





Technical specifications

Model		TA632A	TA632B
Range		0.1 ~ 199999LUX; 0.01 ~ 19999FC	
Seletable range		99.9, 999.9, 9999, 99999, 200000LUX 99.99, 999.9, 9999, 19999FC	
Accuracy		±(3%+5)(Calibrated according to ordinary incandescent lamps at 2856°K); ±(6%+5) other visible light; Cosine deviation feature 30° ±2%; 60° ±6%; 80° ±25%	
Resolution		LUX:<1000:0.1LUX; ≥1000:1LUX FC:<100:0.1FC;≥1000:1FC	
Ambient temp.	Range	0 ~ 60°C	
	Accuracy	±2°C	
Light sensor		Silicon photodiode with filter	
Display		5 digits, max 99999	
Incident angle		120°	
Repeatability		±2%	
Spectral response		400 ~ 700nm	

Special function

PC connection	—	✓
Data hold	✓	
Max/Min/Avg	✓	
Sampling time	8 time/s	

Basic parameters

Working environment	-10~50°C, max 80%, indoor altitude <2000m
Storage environment	-10~50°C, max 70% (battery included)
Screen size	53 × 44mm
Power	3 × 1.5V AA / USB interface
Product size	256 × 70 × 35mm
Weight	Approx. 250g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, USB cable
Packing quantity	30pcs
Packing weight	17.7kg
Packing size	61 × 33 × 35cm

DIGITAL LIGHT METER
TA636A / TA636B

ISO 9001

Features
- *HD backlight;*
- *LUX/FC unit;*
- *Max/Min measurement;*
- *Bluetooth communications(TA636B).*







Technical specifications

Model	TA636A	TA636B
Measurement	Integral type	
Range	0.1 ~ 200000LUX; 0.01 ~ 20000FC	
Seletable range	200, 2000, 20000, 200000LUX 20, 200, 2000, 20000FC	
Accuracy	±(4%+10dgt); (Calibrated according to ordinary incandescent lamps at 2856°K)	
Resolution	LUX<200: 0.1; LUX≥200: 1 / FC<20: 0.1; 20≤FC<200: 0.1; FC≥200: 1	
Light sensor	Silicon photodiode with filter	
Display	4 digits, max 1999	
Incident angle	120°	
Repeatability	±2%	
Spectral response	400 ~ 700nm	

Special function

Data hold	✓	
Max/Min	✓	
Bluetooth communications	—	✓
Bluetooth effective range	—	10m
Auto power off	15 mins (can be disabled)	
Sampling time	2 time/s	

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	30 × 30mm
Power	2 × 1.5V AAA
Product size	150 × 56 × 28mm
Weight	Approx. 150g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	7.7kg
Packing size	42 × 25 × 36cm

DIGITAL LIGHT METER
TA637A / TA637B



ISO 9001

Features
- *HD backlight;*
- *Data hold;*
- *Max/Min measurement;*
- *Bluetooth communications(TA637B).*

Technical specifications

Model	TA637A	TA637B
Measurement	Split type	
Range	0.1 ~ 200000LUX; 0.01 ~ 20000FC	
Seletable range	200, 2000, 20000, 200000LUX 20, 200, 2000, 20000FC	
Accuracy	±(4%+10dgt); (Calibrated according to ordinary incandescent lamps at 2856°K)	
Resolution	LUX<200: 0.1; LUX≥200: 1 / FC<20: 0.1; 20≤FC<200: 0.1; FC≥200: 1	
Light sensor	Silicon photodiode with filter	
Display	4 digits, max 1999	
Incident angle	120°	
Repeatability	±2%	
Spectral response	400 ~ 700nm	

Special function

Data hold	✓	
Max/Min	✓	
Bluetooth communications	—	✓
Bluetooth effective range	—	10m
Auto power off	15 mins (can be disabled)	
Sampling time	2 time/s	

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Length	Approx. 100cm
Power	2 × 1.5V AAA
Product size	130 × 56 × 28mm
Weight	Approx. 165g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	11.8kg
Packing size	53 × 40 × 27cm



SOUND LEVEL METER
TA657A

ISO 9001

Features
- *VA color screen;*
- *Data hold;*
- *Max measurement.*



Technical specifications

Model	TA657A
Range	30.0 ~ 130.0dB
Resolution	0.1dB
Accuracy	±1.5dB (refer to sound pressure 94dB@1KHz)
Frequency weight	A weighting
Display	1999
Frequency range	31.5Hz ~ 8KHz
Sensor	High sensitive 1/2 inch condenser microphone

Special function

Data hold	✓
Max	✓
Auto power off	15 mins
Sampling time	2 time/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	15 × 21mm
Power	3.7V / 220mAh / USB interface
Product size	133 × 30 × 18mm
Weight	Approx. 37g (included battery)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	100pcs
Packing weight	5.9kg
Packing size	41 × 35 × 16cm





SOUND LEVEL METER
TA650A



ISO 9001

Features
- *HD baJklight;*
- *Data hold;*
- *Max/Min measurement.*

Technical specifications

Model	***TA650A***
Range	*30.0 ~ 130.0dB*
Resolution	*0.1dB*
Accuracy	*±1.5dB (refer to sound pressure 94dB@1KHz)*
Frequency weight	*A weighting*
Display	*1999*
Frequency range	*31.5Hz ~ 8KHz*
Time weighting	*FAST (0.125) / SLOW(1s)*
Sensor	*High sensitive 1/2 inch condenser microphone*

Special function

Data hold	✓
Max/Min	✓
Auto power off	*15 mins (can be disabled)*
Sampling time	*2 times/s*

Basic parameters

Working environment	*-10 ~ 50°C, max 80%, indoor altitude <2000m*
Storage environment	*-10 ~ 50°C, max 70% (battery included)*
Screen size	*34 × 31mm*
Power	*2 × 1.5V AAA*
Product size	*167 × 59 × 29mm*
Weight	*Approx. 150g (battery not included)*
Delivery contents	*Meter, box, drawstring bag, manual*
Packing quantity	*40pcs*
Packing weight	*8.3kg*
Packing size	*42 × 25 × 36cm*





SOUND LEVEL METER
TA651B

ISO 9001

Patent
Appearance: 202130673243.2

- *VA color sreen;*
- *Ambient temp./hum. measurement;*
- *Max/Min/Avg measurement;*
- *Upper/Lower limit red backlight alert.*



Technical specifications

Model		***TA651B***
Range		*30.0 ~ 130.0dB*
Resolution		*0.1dB*
Accuracy		*±1.5dB (refer to sound pressure 94dB@1KHz)*
Frequency weight		*A weighting*
Display		*1999*
Frequency range		*31.5Hz ~ 8KHz*
Time weighting		*FAST (0.125) / SLOW(1s)*
Sensor		*High sensitive 1/2 inch condenser microphone30~130dB*
Analog bar graph		*High sensitive 1/2 inch condenser microphone*
Ambient temp.	*Range*	*0 ~ 60°C*
	Accuracy	*±1°C*
Ambient Hum.	*Range*	*0 ~ 99%RH*
	Accuracy	*±8%RH*

Special function

Data hold	✓
Max/Min/Avg	✓
Sampling time	*2 times/s*

Basic parameters

Working environment	*-10 ~ 50°C, max 80%, indoor altitude <2000m*
Storage environment	*-10 ~ 50°C, max 70% (battery included)*
Screen size	*37 × 41mm*
Power	*3 × 1.5V AAA*
Product size	*146 × 56 × 33mm*
Weight	*Approx. 115g (battery not included)*
Delivery contents	*Meter, box, cloth bag, manual*
Packing quantity	*40pcs*
Packing weight	*10kg*
Packing size	*46 × 29 × 41cm*





SOUND LEVEL METER
TA652A / TA652B



ISO 9001

Patent
Appearance: 202030720549.4

Features
- *VA color screen;*
- *Ambient temp. measurement;*
- *Dual power supply mode;*
- *Analog bar graph;*
- *A/C/Z weighting;*
- *PC connection via USB(TA652B);*
- *Max/Min/Avg measurement;*
- *Upper/Lower limit sound & light alarm.*

Technical specifications

Model		TA652A	TA652B
Range		30 ~ 130dB	
Resolution		0.1dB	
Accuracy		±1.5dB (refer to sound pressure 94dB@1KHz)	
Selectable range		30 ~ 70dB, 60~90dB, 80~110dB, 100~130dB	
Frequency weight		A/C weighting	A/C/Z weighting
Display		1999	
Frequency range		31.5Hz ~ 8KHz	
Time weighting		FAST (0.125) / SLOW(1s)	
Sensor		High sensitive 1/2 inch condenser microphone30~130dB	
Analog bar graph		1 scale represents 1dB	
Overload indication		"OVER, HI" ; "UNDER, LO"	
Analog signal output		AC/DC signal output from the headphone jack: AC=100mVrms 2.36Vrms/scale,DC=10mV/dB	
Ambient temp.	Range	0 ~ 60°C	
	Accuracy	±2°C	

Special function

Data logger	1999 groups	
PC connection	—	✓
Max/Min/Avg	✓	
Sampling time	2 times/s	

Basic parameters

Screen size	53 × 44mm
Power	3 × 1.5V AA / USB interface
Product size	229 × 70 × 35mm
Weight	Approx. 215g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, USB cable
Packing quantity	30pcs
Packing weight	17.5kg
Packing size	61 × 33 × 35cm





SOUND LEVEL METER
TA656A / TA656B

ISO 9001



Features
- *HD backlight;*
- *Data hold;*
- *Max/Min measurement;*
- *Bluetooth communications(TA656B).*

Technical specifications

Model	TA656A	TA656B
Range	30.0 ~ 130.0dB	
Resolution	0.1dB	
Accuracy	±1.5dB (refer to sound pressure 94dB@1KHz)	
Frequency weight	A weighting	
Display	1999	
Frequency range	31.5Hz ~ 8KHz	
Time weighting	FAST (0.125) / SLOW(1s)	
Sensor	High sensitive 1/2 inch condenser microphone	

Special function

Data hold	✓	
Max/Min	✓	
Bluetooth communications	—	✓
Bluetooth effective range	—	10m
Auto power off	15 mins (can be disabled)	
Sampling time	2 times/s	

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	30 × 30mm
Power	3 × 1.5V AAA
Product size	160 × 56 × 28mm
Weight	Approx. 150g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	60pcs
Packing weight	12kg
Packing size	47 × 42 × 27cm





SOUND LEVEL METER
TA653A / TA653B / TA654A / TA654B



ISO 9001

Patent
Appearance: 201930568098.4

Features
- *HD large screen display/single character 4";*
- *Various fixing methods;*
- *Upper/Lower limit sound & light alarm;*
- *Support external alarm device;*
- *Data logger/PC connection via USB.*







Technical specifications

Model	TA653A	TA653B	TA654A	TA654B
Type	Built-in probe		External probe 5m	
Range	30 ~ 130dB			
Resolution	0.1dB(<100dB);1dB(>100dB)			
Accuracy	±1.5dB (refer to sound pressure 94dB@1KHz)			
Frequency weight	A weighting			
Display	LED digital tube, single character 4"			
Frequency range	31.5Hz ~ 8.5KHz			
Time weighting	FAST, 0.5s			
Sensor	6mm condenser microphone sensor			
Alarm output	12V high level			
Alarm mode	Voice+display			
Date logger	—	2s/time, 1 year	—	2s/time, 1 year
PC connection	—	✓	—	✓

Basic parameters

Working environment	0 ~ 40°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 60°C, max 70% (battery included)
Screen size	323 × 173mm
Power	USB micro interface DC 5V/1A
Product size	323 × 173 × 40mm
Weight	Approx. 980g
Delivery contents	Meter, box, manual, USB cable, hook, screw × 2
Packing quantity	10pcs
Packing weight	17.5kg / 14.5kg
Packing size	45 × 42 × 52cm

ANEMOMETER
TA640A

ISO 9001

Patent
Appearance: 202230833336.1

Features
- *HD backlight;*
- *Date hold;*
- *Max/Min/ measurement.*



Technical specifications

Model	TA640A
Air velocity	0.3 ~ 30.0m/s; resolution: 0.1; accuracy: ±(2%+0.2)
	1.0 ~ 108.0km/h; resolution: 0.1; accuracy: ±(2%+0.7)
	10 ~ 5905ft/m; resolution: 1; accuracy: ±(2%+20)
	0.7 ~ 67.0mile/h; resolution: 0.01; accuracy: ±(2%+0.2)
	1.0 ~ 58.32knots; resolution: 0.01; accuracy: ±(2%+0.2)
Air temp.	0 ~ 45°C(32 ~ 113°F); resolution: 0.1; accuracy: ±2°C(±3.6°F)
Display	9999
Sensor	Infrared laser tube cutting method

Special function

Data hold	✓
Max/Min	✓
Auto power off	15 mins (can be disabled)
Sampling time	2 time/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	34 × 31mm
Power	2 × 1.5V AAA
Product size	168 × 59 × 29mm
Weight	Approx. 120g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	12kg
Packing size	42 × 25 × 36cm





ANEMOMETER
TA641A / TA641B



ISO 9001

Patent

Appearance: 202130673256.X

Features

- *Dual-color backlight LCD;*
- *Air temp. measurement;*
- *Bft displuy;*
- *Analog bar graph;*
- *Max/Min/Avg measurement;*
- *Upper/Lower limit red backlight alert.*

Technical specifications

Model		TA641A	TA641B
Air velocity		0.06 ~ 30.0m/s; resolution: 0.01; accuracy: ±(2%+0.2)	
		1.0 ~ 108.0km/h; resolution: 0.1; accuracy: ±(2%+0.7)	
		10 ~ 5905ft/m; resolution: 1; accuracy: ±(2%+20)	
		0.1 ~ 67.0mile/h; resolution: 0.1; accuracy: ±(2%+0.2)	
		0.1 ~ 58.32knots; resolution: 0.1; accuracy: ±(2%+0.2)	
Ambient Hum.	Range	—	0 ~ 99%RH
	Accuracy	—	±8%RH
Air temp.		0 ~ 45°C (32 ~ 113°F); resolution: 0.1; accuracy: ±2°C(±3.6°F)	
Display		9999	
Sensor		Infrared laser tube cutting method	

Special function

Data hold	✓
Max/Min	✓
Avg	✓
Auto power off	10 mins (can be disabled)
Sampling time	2 time/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m	
Storage environment	-10 ~ 50°C, max 70% (battery included)	
Screen size	37 × 41mm	
Power	3 × 1.5V AAA	
Product size	152 × 55 × 33mm	
Weight	Approx. 135g (battery not included)	
Delivery contents	Meter, box, cloth bag, manual	
Packing quantity	40pcs	
Packing weight	11.5kg	12kg
Packing size	46 × 29 × 41cm	





ANEMOMETER
TA642A / TA642B / TA642C

ISO 9001



Patent

Appearance: 202030718559.4

Features

- *VA color screen;*
- *Air temp. measurement;*
- *Dual power supply mode;*
- *Analog bar graph;*
- *Bft display;*
- *Air flow measurement;*
- *Max/Min/Avg measurement;*
- *PC connection via USB(TA642B/C);*
- *Upper/Lower limit sound & light alarm.*

Technical specifications

Model	TA642A	TA642B	TA642C
Type	Integral type	Integral type	Split type
Air velocity	0.06 ~ 45.0m/s; resolution: 0.01; accuracy: ±(2%+0.2)		
	1.0 ~ 162.0km/h; resolution: 0.1; accuracy: ±(2%+0.7)		
	10 ~ 8858ft/m; resolution: 1; accuracy: ±(2%+20)		
	1.0 ~ 147.6ft/s; resolution: 1; accuracy: ±(2%+0.2)		
	1 ~ 100.6mile/h; resolution: 0.1; accuracy: ±(2%+0.2)		
	0.1 ~ 88.48knots; resolution: 0.1; accuracy: ±(2%+0.2)		
	0 ~ 12Bft		
Air flow	0 ~ 9999ft³/min; resolution: 0.001; accuracy: ±(2%+0.2)		
	0 ~ 9999m³/min; resolution: 0.001; accuracy: ±(2%+0.2)		
	0 ~ 9999m³/s; resolution: 0.001; accuracy: ±(2%+0.2)		
Air temp.	0 ~ 45°C(32 ~ 113°F); resolution: 0.1/1; accuracy: ±2°C(±3.6°F)		
Display	9999		
Sensor	Infrared laser tube cutting method		

Special function

Data logger	1000 groups		
PC connection	—	✓	✓
Max/Min/Avg	✓		
Auto power off	15 mins (can be disabled)		
Sampling time	2 times/s		

Basic parameters

Screen size	53 × 44mm		
Power	3 × 1.5V AA / USB interface		
Product size	239 × 70 × 35mm		177 × 70 × 35mm
Weight	Approx. 210g (battery not included)		
Delivery contents	Meter, box, cloth bag, manual, USB cable		
Packing quantity	30pcs		30pcs
Packing weight	17.3kg		19kg
Packing size	61 × 33 × 35cm		61 × 38 × 52cm





HOT WIRE ANEMOMETER
TA643A



ISO 9001

Features
- VA color screen;
- Air temp. measurement;
- Dual power supply mode;
- Analog bar graph;
- Bf level;
- Air flow measurement;
- Max/Min/Avg measurement;
- PC connection via USB;
- Upper/Lower limit sound&light alarm.

Technical specifications

Model	TA643A
Type	Split type
Air velocity	0.06 ~ 45.0m/s; resolution: 0.01; accuracy: ±(2%+0.2)
	1.0 ~ 162.0km/h; resolution: 0.1; accuracy: ±(2%+0.7)
	10 ~ 8858ft/m; resolution: 1; accuracy: ±(2%+20)
	1.0 ~ 147.6ft/s; resolution: 1; accuracy: ±(2%+0.2)
	1 ~ 100.6mile/h; resolution: 0.1; accuracy: ±(2%+0.2)
	0.1 ~ 88.48knots; resolution: 0.1; accuracy: ±(2%+0.2)
	0 ~ 12Bft
Air flow	0 ~ 9999ft³/min; resolution: 0.001; accuracy: ±(2%+0.2)
	0 ~ 9999m³/min; resolution: 0.001; accuracy: ±(2%+0.2)
	0 ~ 9999m³/s; resolution: 0.001; accuracy: ±(2%+0.2)
Air temp.	0 ~ 45°C(32 ~ 113°F); resolution: 0.1/1; accuracy: ±2°C(±3.6°F)
Display	9999
Sensor	Thermo sensitive

Special function

Data logger	1000 groups
PC connection	✓
Max/Min/Avg	✓
Auto power off	15 mins (can be disabled)
Sampling time	2 times/s

Basic parameters

Screen size	53 × 44mm
Power	3 × 1.5V AA / USB interface
Product size	177 × 70 × 35mm
Weight	Approx. 210g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, USB cable
Packing quantity	30pcs
Packing weight	19kg
Packing size	61 × 38 × 52cm





ANEMOMETER
TA646A

ISO 9001



Features
- HD backlight;
- Date hold;
- Max/Min/ measurement.

Technical specifications

Model	TA646A
Air velocity	0.3 ~ 30.0m/s; resolution: 0.1; accuracy: ±(2%+0.2)
	1.0 ~ 108.0km/h; resolution: 0.1; accuracy: ±(2%+0.7)
	10 ~ 5905ft/m; resolution: 1; accuracy: ±(2%+20)
	0.7 ~ 67.00mile/h; resolution: 0.01; accuracy: ±(2%+0.2)
	1.0 ~ 58.32knots; resolution: 0.01; accuracy: ±(2%+0.2)
Air temp.	0 ~ 45°C(32 ~ 113°F); resolution: 0.1/1; accuracy: ±2°C(±3.6°F)
Display	9999
Sensor	Infrared laser tube cutting method

Special function

Data hold	✓
Max/Min	✓
Auto power off	15 mins (can be disabled)
Sampling time	2 times/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	30 × 30mm
Power	2 × 1.5V AAA
Product size	150 × 56 × 28mm
Weight	Approx. 120g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	8.1kg
Packing size	42 × 25 × 27cm



THERMO-HYGROMETER
TA620A



ISO 9001

Features
- HD backlight;
- °C/°F unit;
- Data hold;
- Max/Min measurement.





Technical specifications

	Model	**TA620A**
Environment temp.	Range	-20°C ~ 60°C(-4°F ~ 140°F)
	Accuracy	±1.5°C, ±3°F
	Resolution	0.1°C; 1°F
Relative Hum.	Range	0%RH ~ 100%RH
	Accuracy	(20%RH~80%RH) ±5%RH; Other range: ±8%RH
	Resolution	0.1%RH
	Display	1999
	Sensor	GXHTC3

Special function

Data hold	✓
Max/Min	✓
Auto power off	15 mins (can be disabled)
Sampling time	8 times/s
Refresh time	1 times/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 60°C, max 70% (battery included)
Screen size	34 × 31mm
Power	2 × 1.5V AAA
Product size	167 × 59 × 29mm
Weight	Approx. 98g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	8.1kg
Packing size	42 × 25 × 27cm

THERMO-HYGROMETER
TA621A

ISO 9001

Patent
Appearance: 202130673251.7

Features
- VA color screen;
- 0.01 resolution;
- WB/DP temp. measurement;
- Data hold;
- Max/Min/Avg measurement;
- Upper/Lower limit red backlight alert.







Technical specifications

	Model	**TA621A**
Environment temp.	Range	-20°C ~ 60°C (-4°F ~ 140°F)
	Accuracy	±1.5°C, ±3°F
	Resolution	<100°C/°F 0.01°C/°F, ≥100°F 0.1°F
Relative Hum.	Range	0%RH~90%RH
	Accuracy	(20%RH~80%RH) ±5%RH; refernce standard: 25°C±3°C
	Resolution	0.1%RH
	WB temp.	-20°C ~ 60°C (-4°F ~ 140°F)
	DP temp.	-20°C ~ 60°C (-4°F ~ 140°F)
	Display	9999
	Sensor	GXHTC3

Special function

Data hold	✓
Max/Min	✓
Auto power off	10 mins (can be disabled)
Sampling time	8 times/s
Refresh time	3 times/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	37 × 41mm
Power	3 × 1.5V AAA
Product size	152 × 55 × 33mm
Weight	Approx. 125g (battery not included)
Delivery contents	Meter, box, cloth bag, manual
Packing quantity	40pcs
Packing weight	11.5kg
Packing size	46 × 29 × 41cm

THERMO-HYGROMETER
TA622A / TA622B / TA622C



ISO 9001

Patent
Appearance: 202030718535.9
Appearance: 202030739191.X

Features
- *VA color screen;*
- *0.01 resolution;*
- *Dual power supply mode;*
- *Analog bar graph;*
- *WB/DP temp. measurement;*
- *K type thermocouple probe;*
- *Max/Min/Avg measurement;*
- *PC connection via USB(TA622B/C);*
- *Upper/Lower limit sound&light alarm.*



Technical specifications

Model		TA622A	TA622B	TA622C
Type		Integral type	Integral type	Split type
Environment temp.	Range	-40 ~ 80°C (-40 ~ 176°F)		
	Accuracy	±0.5°C, ±1°F		
	Resolution	<100°C/°F 0.01°C/°F, ≥100°F 0.1°F		
Relative Hum.	Range	0 ~ 100%RH		
	Accuracy	(10 ~ 90%RH) ±3%RH; Other range: ±5%RH		
	Resolution	(<100%RH) 0.01%RH		
WB temp./ DP temp.	Range	-40 ~ 80°C (-40 ~ 176°F)		
	Accuracy	±0.4°C, ±1°F		
	Resolution	<100°C , 0.01°C/0.01°F; ≥100°F, 1°F		
Display		9999		
Sensor		Swiss (SHT C3)		

Special function

Recording time	From REC start, max 99H		
Data logger	8000 groups	4000 groups	8000 groups
PC connection	—	✓	✓
Sampling time	8 times/s		
Refresh time	2 times/s		

Basic parameters

Screen size	53 × 44mm		
Power	3 × 1.5V AA / USB micro interface 5V		
Product size	218 × 70 × 35mm		177 × 70 × 35mm
Weight	Approx. 190g (battery not included)		Approx. 200g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, USB cable		
Packing quantity	30pcs		30pcs
Packing weight	16kg		12kg
Packing size	61 × 33 × 35cm		61 × 38 × 52cm



THERMO-HYGROMETER
TA626A / TA626B

ISO 9001



Features
- *HD backlight;*
- *°C/°F unit;*
- *Data hold;*
- *Max/Min measurement;*
- *Bluetooth communications(TA626B).*

Technical specifications

Model		TA626A	TA626B
Environment temp.	Range	-20°C ~ 60°C(-4°F ~ 140°F)	
	Accuracy	±1.5°C, ±3°F	
	Resolution	0.1°C; 1°F	
Relative Hum.	Range	0%RH ~ 100%RH	
	Accuracy	(20%RH ~ 80%RH) ±5%RH; Other range: ±8%RH	
	Resolution	0.1%RH	
Display		1999	
Sensor		GXHTC3	

Special function

Data hold	✓	
Max/Min	✓	
Bluetooth communications	—	✓
Bluetooth effective range	—	10m
Auto power off	15 mins (can be disabled)	
Sampling time	8 times/s	
Refresh time	1 times/s	

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 60°C, max 70% (battery included)
Screen size	30 × 30mm
Power	2 × 1.5V AAA
Product size	156 × 56 × 28mm
Weight	Approx. 98g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	7kg
Packing size	42 × 25 × 36cm



THERMO-HYGROMETER
TA623A / TA623B



ISO 9001

Features
- *HD large screen display/single character 1.8";*
- *℃/℉ unit;*
- *Various fixing methods;*
- *Upper/Lower limit sound&light alarm;*
- *Support external alarm device.*





Technical specifications

	Model	TA623A	TA623B
	Type	Built-in sensor	External sensor 5m
Environment temp.	Range	-20℃ ~ 80℃ (-4℉ ~ 176℉)	
	Accuracy	±1.0℃ (±2℉)	
	Resolution	0.1℃ (0.1 ℉)	
Relative Hum.	Range	0 ~ 100%RH	
	Accuracy	±4%RH	
	Resolution	<100%RH (0.1); ≥100%RH (1)	
Temp. alarm setting	Hi	-19℃ ~ 60℃ (-4℉ ~ 140℉)	
	Low	-20℃ ~ 59℃ (-4℉ ~ 139℉)	
Hum. alarm setting	Hi	2 ~ 99%RH	
	Low	1 ~ 98%RH	
Display		LED digital tube, single character 1.8"	
Max range		Temp.: 80℃, hum.: 100%RH	
Sensor		GXHTC3	

Special function

Alarm time	6s ~ 120s, selectable
Over range display	"Hi" or "Lo"
Sampling time	2 times/s

Basic parameters

Working environment	-20 ~ 80℃, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50℃, max 70% (battery included)
Screen size	323 × 173mm
Power	USB micro interface DC 5V/1A
Product size	323 × 173 × 40mm
Weight	Approx. 700g (battery not included)
Delivery contents	Meter, box, manual, USB cable, hook, screw × 2
Packing quantity	10pcs
Packing weight	14.5kg
Packing size	41 × 39 × 49cm



MOISTURE METER
TA661B

ISO 9001



Patent
Appearance: 202130673250.2

Features
- *VA color screen ;*
- *High/Medium/Low level display;*
- *Ambient temp. / hum.measurement;*
- *Data hold;*
- *7 selectable materials;*
- *Upper/Lower limit red backlight alert.*



Technical specifications

	Model	TA661B
	Range	0 ~ 54.8%RH
	Resolution	0.1%RH
	Accuracy	±1%
	Display	1999
	Test needle	M3 metric tooth test needle; external hexagon 5mm
	Overload	HI or LO
Ambient temp.	Range	0 ~ 60℃
	Accuracy	±1℃
Ambient hum.	Range	0 ~ 99%RH
	Accuracy	±8%RH

Special function

Hi / Mid / Low	✓
Data hold	✓
Auto power off	15 mins (can be disabled)
Sampling time	2 times/s

Basic parameters

Working environment	-10 ~ 50℃, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50℃, max 70% (battery included)
Screen size	37 × 41mm
Power	3 × 1.5V AAA
Product size	152 × 55 × 33mm
Weight	Approx. 125g (battery not included)
Delivery contents	Meter, box, cloth bag, manual
Packing quantity	40pcs
Packing weight	11.5kg
Packing size	45.5 × 28 × 40cm



MOISTURE METER
TA666A



ISO 9001

Features
- HD backlight;
- Flashlight;
- Data hold;
- Max/Min measurement.

Technical specifications

Model	**TA666A**
Range	0 ~ 54.8%RH
Resolution	0.1%RH
Accuracy	±1%
Display	1999
Test needle	M3 metric tooth test needle; external hexagon 5mm
Three-color indicator light	Green/Blue/Red

Special function

Data hold	✓
Max	✓
Min	✓
Flashlight	✓
Auto power off	15 mins (can be disabled)
Sampling time	2 times/s

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 60°C, max 80% (battery included)
Screen size	30 × 30mm
Power	2 × 1.5V AAA
Product size	136 × 56 × 28mm
Weight	Approx. 120g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	7kg
Packing size	42 × 25 × 36cm



GAS LEAK DETECTOR
TA700A

ISO 9001



Features
- HD backlight;
- High/Mid/low adjustable sensitivity;
- Analog bar graph;
- Display+sound alarm.

Technical specifications

Model	**TA700A**
Range	%LEL: 0 ~ 20%; PPM: 0 ~ 9999PPM
Accuracy	±10%F.S. (methane)
Sensitivity	50PPM (methane)
Alarm mode	Display+sound alarm
Auto zero	Auto-zero during warm-up process (in clean air)
Sensor	Semiconductor sensor
Display	Analog bar graph



Special function

Hi/Mid/Low	✓
Low battery	✓
Auto power off	15 mins (can be disabled)
Detectable gas	Acetone, acetylene, alcohol, ammonia, benzene, butane, ethanol, oxirane, gasoline, hexane, hydrogen, methane, naphtha, natural gas, paint, thinner, propane, solvent and etc.

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	34 × 31mm
Power	2 × 1.5V AAA
Product size	167 × 59 × 29mm
Weight	Approx. 98g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual
Packing quantity	40pcs
Packing weight	8.5kg
Packing size	42 × 25 × 36cm



GAS LEAK DETECTOR
TA702A / TA702B



ISO 9001

Patent
Appearance: 202030718558.X

Features
- *VA color screen;*
- *High/low adjustable sensitivity;*
- *Analog bar graph;*
- *Flashlight;*
- *built-in 1000mAH lithium battery;*
- *%LEL/PPM unit switching(TA702B);*
- *Upper/Lower limit sound & light alarm.*





Technical specifications

Model		TA702A	TA702B
Range		%LEL: 0 ~ 20%; PPM: 0 ~ 9999PPM	
Resolution		—	%LEL: 0 ~ 20.0% (0.1) PPM: <999PPM (0.1) >1000PPM (1)
Accuracy		±10%F.S. (methane)	
Sensitivity		50PPM (methane)	
Alarm mode		Sound, light & display	
Auto zero		Auto zero during warming up (in clean air)	
Sensor		Semiconductor sensor	
Display		Analog bar graph	Analog bar graph and value display
Ambient temp.	Range	—	0 ~ 60℃
	Accuracy	—	±2℃

Special function

Hi/Mid/Low	✓
Low battery	✓
Auto power off	15 mins (can be disabled)
Detectable gas	Acetone, acetylene, alcohol, ammonia, benzene, butane, ethanol, oxirane, gasoline, hexane, hydrogen, methane, naphtha, natural gas, paint, thinner, propane, solvent and etc.

Basic parameters

Screen size	53 × 44mm
Power	3 × 1.5V AA / USB interface
Product size	192 × 70 × 35mm (Rubber hose not included)
Weight	Approx. 275g (battery included)
Delivery contents	Meter, box, cloth bag, manual, USB cable
Packing quantity	30pcs
Packing weight	18kg
Packing size	54 × 27 × 50cm

TACHOMETER
TA500A / TA500B / TA500C

ISO 9001

Features
- *HD backlight;*
- *Date hold;*
- *Max/Min/ measurement.*



Technical specifications

Model	TA500A	TA500B	TA500C
Type	Non contact	Contact	Non contact/Contact
Range	3 ~ 100000RPM	3 ~ 19999RPM 0 ~ 99999m 0 ~ 1999.9m/min 0 ~ 9999.9ft/min	Non contact: 3 ~ 100000RPM Contact: 3 ~ 19999RPM 0 ~ 99999m 0 ~ 1999.9m/min 0 ~ 9999.9ft/min
Accuracy	±(0.05%FS+1RPM)	±(0.1%FS+1RPM) ±(0.1%FS+0.2m) ±(0.1%FS+0.2m/min) ±(0.1%FS+0.6ft/min)	Non contact: ±(0.05%FS+1RPM) Contact: ±(0.1%FS+1RPM)
Resolution	RPM: <10000: 0.1 RPM: ≥10000: 1	RPM: <10000: 0.1 RPM: ≥10000: 1 m: <10000: 0.1 m: ≥10000: 1 m/min: <2000: 0.1 ft/min: <10000: 0.1	
Effective distance	50mm ~ 500mm		
Display	99999		
Sampling time	0.8s (60rpm/min above)		

Basic parameters

Working environment	-10 ~ 50℃, max 80%, indoor altitude <2000m	
Storage environment	-10 ~ 50℃, max 70% (battery included)	
Screen size	34 × 31mm	
Power	2 × 1.5V AAA	
Product size	130 × 59 × 29mm	146 × 59 × 29mm
Weight	Approx. 98g (battery not included)	Approx. 117g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual, test probe, reflective tape ×2	
Packing quantity	40pcs	
Packing weight	9.2kg	
Packing size	42 × 25 × 36cm	





TACHOMETER
TA501A



ISO 9001

Patent
Appearance: 202130673256.X

Features
- *VA color screen;*
- *0.1 resolution;*
- *Ambient temp. measurement;*
- *Data hold;*
- *Max/Min/Avg measurement;*
- *Upper/Lower limit red backlight alert.*



Technical specifications

		TA501A
Range		2.5 ~ 99999RPM
Resolution		2.5RPM ~ 999RPM (0.1RPM); 10000RPM above (1RPM)
Accuracy		±(0.05%+1)
Ambient temp.	Range	0 ~ 60°C
	Accuracy	±2°C
Ambient hum.	Range	0 ~ 99%RH
	Accuracy	±8%RH
Effective distance		50mm ~ 500mm
Display		999999

Special function

Data hold	✓
Max/Min	✓
Avg	✓
Auto power off	15 mins (can be disabled)
Sampling time	0.8s (60rpm/min above)

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	37 × 41mm
Power	3 × 1.5V AAA
Product size	152 × 55 × 33mm
Weight	Approx. 125g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, test probe, reflective tape ×2
Packing quantity	40pcs
Packing weight	11.5kg
Packing size	46 × 29 × 41cm



TACHOMETER
TA503A / TA503B / TA503C

ISO 9001

Features
- *VA color screen;*
- *Max/Min/Avg measurement;*
- *PC connection via USB(TA503C);*
- *Upper/Lower limit sound & light alarm.*



Technical specifications

		TA503A	TA503B	TA503C
Type		Non contact	Contact	Non contact / Contact
Range		3~100000RPM	3~19999RPM 0~99999m 0~1999.9m/min 0~9999.9ft/min	Non contact: 3~100000RPM Contact: 3~19999RPM 0~99999m 0~1999.9m/min 0~9999.9ft/min
Accuracy		±(0.05%FS+1RPM)	±(0.1%FS+1RPM) ±(0.1%FS+0.2m) ±(0.1%FS+0.2m/min) ±(0.1%FS+0.6ft/min)	Non contact: ±(0.05%FS+1RPM) Contact: ±(0.1%FS+1RPM)
Resolution		RPM: <10000: 0.1 RPM: ≥10000: 1	RPM: <10000: 0.1 RPM: ≥10000: 1 m: <10000: 0.1 m: ≥10000: 1 m/min: <2000: 0.1 ft/min: <10000: 0.1	
Ambient temp.	Range	-10 ~ 50°C		
	Accuracy	±2°C		
Effective distance		50mm ~ 500mm		
Display		99999		
Data logger		2000 groups		
PC connection		—	—	✓
Sampling time		0.8s (60rpm/min above)		

Basic parameters

Screen size	53 × 44mm	
Power	3 × 1.5V AA / USB interface	
Product size	185 × 70 × 35mm	200 × 70 × 35mm
Weight	Approx. 190g (battery not included)	
Delivery contents	Meter, box, cloth bag, manual, test probe, reflective tape ×2, USB cable	
Packing quantity	30pcs	
Packing weight	17kg	
Packing size	61 × 33 × 35cm	





TACHOMETER
TA506A



ISO 9001

Features
- *HD backlight;*
- *Date hold;*
- *Max/Min/ measurement.*

Technical specifications

Model	**TA506A**
Type	Non contact
Range	3 ~ 100000RPM
Accuracy	±(0.05%FS+1RPM)
Resolution	RPM: <10000: 0.1; RPM: ≥10000: 1
Effective distance	50mm ~ 500mm
Display	99999
Sampling time	0.8s (60rpm/min above)

Special function

Data hold	✓
Max/Min	✓
Auto power off	15 mins (can be disabled)
Sampling time	0.8s (60rpm/min above)

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	30 × 30mm
Power	2 × 1.5V AAA
Product size	126 × 56 × 28mm
Weight	Approx. 98g (battery not included)
Delivery contents	Meter, box, drawstring bag, manual, test probe, reflective tape ×2
Packing quantity	40pcs
Packing weight	7kg
Packing size	42 × 25 × 36cm



MANOMETER
TA532A

ISO 9001



Features
- *VA color screen;*
- *Max/Min/Avg measurement;*
- *PC connection via USB;*
- *Data recording 10000 groups.*

Technical specifications

Model	**TA532A**
Range	±40.00kpa
Accuracy	±1%FS
Unit selection	pa, mbar, bar, psi, ozin², kgcm², InH_2O, inHg, FtH_2O, mmHg, mmH_{20}, cmH_2O, kpa, hpa
Sensor	Integrated low-pressure and high-precision pressure sensor

Special function

Data hold	✓
Max/Min/Avg	✓
High / low alarm value	✓
Difference	✓
Zero calibration	✓
Data recording	10000 groups
PC connection	✓
Auto power off	15 mins (can be disabled)

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Screen size	53 × 44mm
Power	3 × 1.5V AA / USB interface
Product size	203 × 67 × 35mm
Weight	Approx. 209g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, USB cable, Silicone tubing×2
Packing quantity	30pcs
Packing weight	19kg
Packing size	61 × 38 × 52cm



WIRE TRACKER
TA502B



ISO 9001

Patent
Appearance: 202130459386.3
Appearance: 202130459362.8

Features
- *Noiseless digital wire tracking;*
- *Adjustable sensitivity;*
- *Falshlight;*
- *Support wire alignment;*
- *POE Switching tracking.*





Technical specifications

Model	TA502B
Digital wire tracking	✓
Wire alighment	✓
Continuity test	LED indicator
Circuit voltage test	LED indicator
Line status	LED indicator
POE Switching tracking	✓
Adjustable sensitivity	0~5cm adjustable
Flashlight	Receiver with falshlight
Display	LED indicator
Low battery indication	Approx. less than 7.2V
Output signal level	5Vp-p
Max working current	Emitter≤60mA / Receiver≤80mA
Signal transmitting distance	≤3KM

Basic parameters

Working environment	-10 ~ 50°C, max 80%, indoor altitude <2000m
Storage environment	-10 ~ 50°C, max 70% (battery included)
Power	2 × 9V 6F22
Emitter size	135 × 55 × 35mm
Receiver size	151 × 48 × 31mm
Weight	Emitter: Approx. 90g/Receiver: Approx. 77g (battery not included)
Delivery contents	Meter, box, carrying case, manual, network cable, alligator clip
Packing quantity	40pcs
Packing weight	16kg
Packing size	54 × 41 × 28cm

COATING THICKNESS GAUGE
TA521A

ISO 9001

Patent
Appearance: 202330238556.4

Features
- *VA color screen;*
- *180° rotatable screen (Auto).*





Technical specifications

Model	TA521A
Measuring principle	Fe: Magnetic induction; NFe: Eddy currents
Range	0 ~ 2000μm / 0 ~ 2mm / 0 ~ 78mil
Accuracy	±(3%+1μm) / ±(3%+0.001mm) / ±(0.117%+0.039mil)
Resolution	<100μm(0.1μm); ≥100μm(1μm); ≤2mm(0.001mm); <10mil(0.001mil); 10 ~ 78mil(0.01mil)
Calibration	Zero calibration
Unit	μm, mm, mil
Min curvature radias	Convex 5mm; Curvature 25mm
Min measuring area	Diameter 15mm
Min thickness of substrate	Fe: 0.30mm; NFe: 0.05mm
Max measuring rate	2 times/s
Display	4 digits, max 8888; 180° rotatable screen (Auto)
Overload	"OL"

Basic parameters

Working environment	-10 ~ 50°C, max 90%, indoor altitude <2000m
Storage environment	-20 ~ 60°C, max 70% (battery included)
Screen size	40 × 29mm
Power	2 × 1.5V AAA
Product size	115 × 57 × 30mm
Weight	Approx. 75g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, standard sheet×5, calibration certificate, aluminum sheet, iron sheet
Packing quantity	60pcs
Packing weight	16kg
Packing size	50 × 36 × 36cm



COATING THICKNESS GAUGE
TA522A



ISO 9001

Patent
Appearance: 202330238556.4

Features
- *VA color screen;*
- *180° rotatable screen.*



Technical specifications

Model	TA522A
Measuring principle	Fe: Magnetic induction; NFe: Eddy currents
Range	0 ~ 2000μm / 0 ~ 2mm / 0 ~ 78mil
Accuracy	±(3%+1μm) / ±(3%+0.001mm) / ±(0.117%+0.039mil)
Resolution	<100μm(0.1μm); ≥100μm(1μm); ≤2mm(0.001mm); <10mil(0.001mil); 10 ~ 78mil(0.01mil)
Calibration	Zero calibration
Unit	μm, mm, mil
Iron powder putty range	0 ~ 1000μm
Galvanizediron range	3 ~ 500μm
Min curvature radias	Convex 5mm; Curvature 25mm
Min measuring area	Diameter 15mm
Min thickness of substrate	Fe: 0.30mm; NFe: 0.05mm
Max measuring rate	2 times/s
Display	4 digits, max 8888; 180° rotatable screen
Overload	"OL"

Basic parameters

Working environment	-10 ~ 50°C, max 90%, indoor altitude <2000m
Storage environment	-20 ~ 60°C, max 70% (battery included)
Screen size	29 × 29mm
Power	2 × 1.5V AAA
Product size	104 × 57 × 26mm
Weight	Approx. 70g (battery not included)
Delivery contents	Meter, box, cloth bag, manual, standard sheet×5, calibration certificate, aluminum sheet, iron sheet
Packing quantity	60pcs
Packing weight	14kg
Packing size	50 × 36 × 36cm



ENVIRONMENT AIR QUALITY TESTER
TA7110A / TA7112A / TA7115B / TA7116B / TA7118A

ISO 9001



Features
- *2.8'' TFT full view angle true color screen;*
- *3 color indicator;*
- *WIFI connection;*
- *5000 groups data storage;*
- *PC connection via USB;*
- *USB charging, built-in 2500mAH LI-ON;*
- *Inspection standard: GB/T 18883-2002,GB50325-2010.*

Special function

Model	TA7116B	TA7118A	TA7110A	TA7112A	TA7115B
HCHO	✓	✓	—	✓	—
TVOC	✓	✓	✓	✓	—
C6H6	✓	✓	—	✓	—
PM2.5	—	✓	✓	✓	—
PM10	—	✓	✓	✓	—
CO2	—	—	✓	✓	✓
℃	✓	✓	✓	✓	✓
%RH	✓	✓	✓	✓	✓



Technical specifications

Item	Range	Resolution	Accuracy
HCHO	0 ~ 3.00mg/m³	0.01mg/m³	±(5%+0.02)
TVOC	0 ~ 5.00mg/m³	0.01mg/m³	±20%
C6H6	0 ~ 3.00mg/m³	0.01mg/m³	±(10%+0.03)
PM2.5	0 ~ 999ug/m³	1ug/m³	±10%
PM10	0 ~ 999ug/m³	1ug/m³	±10%
CO2	0 ~ 3000ppm	1ppm	±5%
Temp.	10°C ~ 45°C	1°C	±2°C
Hum.	10 ~ 90%RH	1%RH	±5%

Basic parameters

Screen size	57 × 43mm
Power	18650 rechargeable battery 2500mA/h USB DC 5V/2A
Product size	146 × 80 × 68mm
Weight	Approx. 260g
Delivery contents	Meter, box, manual, USB cable
Packing quantity	12pcs
Packing weight	7.8kg
Packing size	37.5 × 37.5 × 21.5cm



DC POWER SUPPLY
TDA SERIES



ISO 9001

Features
- Four digit display;
- Output control;
- High accuracy.



Technical specifications

Model		TDA155	TDA305	TDA3010	TDA605	TDA1003
Output voltage		0 ~ 15V	0 ~ 30V	0 ~ 30V	0 ~ 60V	0 ~ 100V
Output current		0 ~ 5A	0 ~ 5A	0 ~ 10A	0 ~ 5A	0 ~ 3A
Voltage	Resolution	10mV				
	Accuracy	≤0.1%+5				
	Temp. coefficien	≤0.02%+3mV				
	Ripple noise	≤10mVrms			≤15mVrms	≤18mVrms
Current	Resolution	1mA				
	Accuracy	≤0.2%+10				
	Temp. coefficien	≤0.02%+3mA				
	Ripple noise	≤10mVrms			≤15mVrms	≤18mVrms
Load Regulation		<10A: ≤0.1%Umax+5mA; ≥10A: ≤0.2%Umax+5mA				
Line regulation		<10A: ≤0.1%Umax+5mA; ≥10A: ≤0.2%Umax+5mA				
OVP		16V	33V	33V	65V	103V
OCP		5.5A	5.5A	10.5A	5.5A	3.5A
Cooling		Air cooling				

Basic parameters

Working environment	0~40℃, max 80%, indoor altitude <2000m
Storage environment	-20~60℃, max 80%
Power	AC110V±10%, 50Hz
Product size	259 × 93 × 164mm
Weight	Approx. 2.2kg
Delivery contents	Meter, Carton, manual, power cable, output cable
Packing quantity	6pcs
Packing weight	19kg
Packing size	46 × 30.5 × 47.3cm



DC POWER SUPPLY
TDB SERIES

ISO 9001

Features
- Four digit display;
- Output control;
- High accuracy;
- Data storage 3 groups;
- PC connection.



Technical specifications

Model		TDB155	TDB305	TDB3010	TDB605	TDB1003
Output voltage		0 ~ 15V	0 ~ 30V	0 ~ 30V	0 ~ 60V	0 ~ 100V
Output current		0 ~ 5A	0 ~ 5A	0 ~ 10A	0 ~ 5A	0 ~ 3A
Voltage	Resolution	10mV				
	Accuracy	≤0.1%+5				
	Temp. coefficien	≤0.02%+3mV				
	Ripple noise	≤10mVrms			≤15mVrms	≤18mVrms
Current	Resolution	1mA				
	Accuracy	≤0.2%+10				
	Temp. coefficien	≤0.02%+3mA				
	Ripple noise	≤10mVrms			≤15mVrms	≤18mVrms
Load Regulation		<10A: ≤0.1%Umax+5mA; ≥10A: ≤0.2%Umax+5mA				
Line regulation		<10A: ≤0.1%Umax+5mA; ≥10A: ≤0.2%Umax+5mA				
OVP		16V	33V	33V	65V	103V
OCP		5.5A	5.5A	10.5A	5.5A	3.5A
Cooling		Air cooling				
Data storage		3 groups				
PC connection		RS232				

Basic parameters

Working environment	0~40℃, max 80%, indoor altitude <2000m
Storage environment	-20~60℃, max 80%
Power	AC110V±10%, 50Hz
Product size	259 × 93 × 164mm
Weight	Approx. 2.2kg
Delivery contents	Meter, Carton, manual, power cable, output cable, RS232
Packing quantity	6pcs
Packing weight	19kg
Packing size	46 × 30.5 × 47.3cm





DC POWER SUPPLY
TDC SERIES



ISO 9001

Features
- *Four digit display;*
- *Output control;*
- *High accuracy;*
- *Data storage 3 groups;*
- *PC connection.*

Technical specifications

Model		TDC4020	TDC8010	TDC1605
Output voltage		0 ~ 40V	0 ~ 80V	0 ~ 160V
Output current		0 ~ 20A	0 ~ 10A	0 ~ 5A
Voltage	Output power	0 ~ 300W	0 ~ 300W	0 ~ 300W
	Resolution	<100V: 10mV; ≥100V: 0.1V		
	Accuracy	≤0.1%+5		
	Ripple noise	≤12mVrms		
Current	Resolution	<10A: 1mA; ≥10A: 10mA		
	Accuracy	≤0.2%+10		
	Ripple noise	≤18mVrms		
Load Regulation		≤0.2%Vmax+5mV		
Line regulation		≤0.2%Vmax+5mV		
OVP		0-V max ±0.2%FS		
Max voltage		V max ±0.2%		
OCP		0-C max ±0.2%FS		
Max current		C max ±0.2%		
Cooling		Air cooling		
Data storage		3 groups		
PC connection		RS232		



Basic parameters

Working environment	0~40°C, max 80%, indoor altitude <2000m
Storage environment	-20~60°C, max 80%
Power	AC110V±10%, 50Hz
Product size	259 × 93 × 164mm
Weight	Approx. 2.2kg
Delivery contents	Meter, Carton, manual, power cable, output cable, RS232
Packing quantity	6pcs
Packing weight	19kg
Packing size	46 × 30.5 × 47.3cm



DC POWER SUPPLY
TDE SERIES

ISO 9001

Features
- *Four digit display;*
- *Output control;*
- *High accuracy.*



Technical specifications

Model		TDE3020	TDE6010	TDE3030	TDE1560	TDE6020	TDE3050	TDE3060
Output voltage		0~30V	0~60V	0~30V	0~15V	0~60V	0~30V	0~30V
Output current		0~20A	0~10A	0~30A	0~60A	0~20A	0~50A	0~60A
Model		TDE6030	TDE6050	TDE6060	TDE10010	TDE30100	TDE10030	TDE12030
Output voltage		0~60V	0~60V	0~60V	0~100V	0~30V	0~100V	0~120V
Output current		0~30A	0~50A	0~60A	0~10A	0~100A	0~30A	0~30A
Output	Voltage stability	≤2%						
	Current stability	≤0.5%						
	Load stability	≤0.5%						
	Ripple and noise	≤1%(effective value)						
Resolution	voltage	<100: 10mV; ≥100V: 100mV						
	current	<100A: 10mA; ≥100A: 100mA						
	Power	<10W: 1mW; ≥10W: 10mW; ≥100W: 0.1W; ≥1000W: 1W						
	Load equivalent resistance	<10R: 1mR; ≥10R: 10mR; ≥100R: 0.1R; ≥1000R: 1R						
Voltage accuracy		0.1V						
Current accuracy		0.1A						
Cooling		Air cooling						

Basic parameters

Working environment	5~40°C, max 80%, indoor altitude <2000m
Storage environment	0~70°C, max 70%
Power	AC110V±10%, 50Hz
Product size	379 × 280 × 173mm; Above 2000w 459 × 280 × 173mm
Weight	Approx. 6.5kg
Delivery contents	Meter, Carton, manual, power cable
Packing quantity	2pcs
Packing weight	13kg
Packing size	43 × 33 × 47cm



DC POWER SUPPLY
TDF SERIES



ISO 9001

Features
- *Four digit display;*
- *Output control;*
- *High accuracy;*
- *Data storage 6 groups;*
- *PC connection.*

Technical specifications

Model		TDF3020	TDF6010	TDF3030	TDF1560	TDF6020	TDF3050	TDF3060
Output voltage		0~30V	0~60V	0~30V	0~15V	0~60V	0~30V	0~30V
Output current		0~20A	0~10A	0~30A	0~60A	0~20A	0~50A	0~60A
Model		TDF6030	TDF6050	TDF6060	TDF10010	TDF30100	TDF10030	TDF12030
Output voltage		0~60V	0~60V	0~60V	0~100V	0~30V	0~100V	0~120V
Output current		0~30A	0~50A	0~60A	0~10A	0~100A	0~30A	0~30A
Output	Voltage stability	≤2%						
	Current stability	≤0.5%						
	Load stability	≤0.5%						
	Ripple and noise	≤1%(effective value)						
Resolution	voltage	<100: 10mV; ≥100V: 100mV						
	current	<100A: 10mA; ≥100A: 100mA						
	Power	<10W: 1mW; ≥10W: 10mW; ≥100W: 0.1W; ≥1000W: 1W						
	Load equivalent resistance	<10R: 1mR; ≥10R: 10mR; ≥100R: 0.1R; ≥1000R: 1R						
Voltage accuracy		0.1V						
Current accuracy		0.1A						
Cooling		Air cooling						
Data storage		3 groups						
PC connection		RS485						

Basic parameters

Working environment	5~40°C, max 80%, indoor altitude <2000m
Storage environment	0~70°C, max 70%
Power	AC110V±10%, 50Hz
Product size	379 × 280 × 173mm; Above 2000w 459 × 280 × 173mm
Weight	Approx. 6.5kg
Delivery contents	Meter, Carton, manual, power cable, RS485
Packing quantity	2pcs
Packing weight	13kg
Packing size	43 × 33 × 47cm



K TYPE THERMOCOUPLE PROBE
TB601-1 / TB601-2 / TB601-3 / TB601-4 / TB601-5

ISO 9001

Features
- *Range: -50 ~ 500°C ;*
- *Wire length: Approx. 150cm.*



Technical specifications

Model	TB601-1	TB601-5	TB601-2	TB601-3	TB601-4
Probe type	K-Type needle liquid probe		K-Type air probe	K-Type surface probe	
Range	-50 ~ 500°C				
Accuracy	±2°C or ±0.75%				
Probe size	Φ3 × 160mm	Φ3 × 190mm	—	Φ16 × 90mm	Φ16 × 150mm
Handle size	Φ15 × 130mm				
Wire length	Approx. 150cm				
Usage	Liquid or semi solid		Suitable for surface temperature measurement		

TEST LEADS
TB801-1 / TB801-2



ISO 9001

Designed and Conforms to IEC61010-1
CAT III 1000V

Technical specifications

Model	TB801-1	TB801-2
Type	Straight Plug	Bent Plug
Safety rating	MAX 10A 1000V CAT III	
Max Current	±2°C or ±0.75%	
Material	Two-color Injection Molding	
Wire length	Approx. 70cm	