

PRECISION INSTRUMENT PRODUCTS

389802126 - 2351256m



CONTENTS

- 02** JLM550G Green light laser leveler
- 03** JUT390 Series Laser Rangefinder
- 04** JLR Series Telescope Rangefinder
- 05** JUT200A Digital Clamp Meter
- 05** JUT387B Wall Detector
- 06** JUT682 Digital Line Finder
- 06** JUT661B Pipeline Plugging Instrument
- 07** JUT353 Mini Sound Level Meter
- 07** JUT363 Mini Anemometer
- 08** JUT230E Timed Power Metering Socket
- 08** JUT09B Power Polarity Detector
- 09** JUT180 Infra-red Thermograph

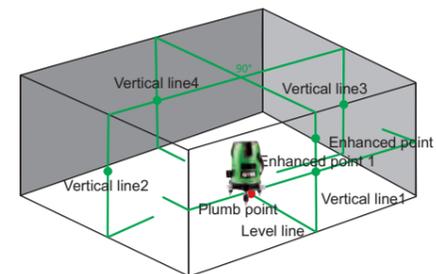


JLM550G

JLM550G

5 lines 6 points schematic

应用



JLM550G is a touch-sensitive green laser level meter. 3x laser height, with enhanced highlights across the line, look farther and clearer, and also with self-leveling function, making it a superior and stable professional laser level meter.

Technical indicators

Model	JLM550G
Laser type	Green light
Laser wavelength	532(counter point 650nm)
Laser power	< 1mW
Laser level	CLASS II
Laser Line	5
Counter point	yes
Laser enhanced point	yes
Horizontal precision	± 1mm/7m
vertical precision	± 1mm/7m
Orthogonal precision	90°±60"
Counter point precision	±0.5mm/1.5m
Zenith precision	± 1mm/7m
Launch angle	vertical line≥110°, level line ≥130°
Working distance	Indoor working radius is about 10mm, use of laser detectors, the working radius is 50m
Self leveling function	yes
Level range	±2.5°
Outdoor mode	yes
Battery type	3.7V Lithium polymer battery
Battery capacity	1800mAh
Working hours	About 6 hours (Laser tube all bright)

Making **Distance measurement** more simple

JUT390 series Laser rangefinder

Continuous measurement / area volume measurement / Pythagorean measurement
addition and subtraction measurement / cumulative length reduction / area
cumulative volume reduction / Maximum / minimum value measurement



Technical indicators

Basic function	JUT390B+	JUT391+	JUT392A	JUT392B	JUT396B	JUT398A
Range measurement	40m	60m	80m	100m	120m	200m
Accuracy measurement	±2mm					
Units of measurement	M/in/ft					
Laser level	620-680nm , <1mW , 2levels			635nm , <1mW , 2levels		
Special function						
Delay measurement	—	—	—	—	√	√
Lofting measurement	—	—	—	—	√	√
Trapezoidal measurement	—	—	—	—	—	√
Inclination measurement	—	—	—	—	±90°	
4x Digital zoom	—	—	—	—	—	√
Recording function	—	—	—	—	—	√
JPEG storage	—	—	—	—	—	640×480JPEG
Chargeable	—	—	—	—	√	√
Data storage	30Group	30Group	30Group	30Group	100Group	16G
Horizon ruler function	Bubble level	Bubble level	Bubble level	Bubble level	Universal electronic horizon ruler	
Auxiliary camera	—	—	—	—	√	√
USB online function	—	—	—	—	√	√
Automatic calibration function	√	√	√	√	√	√
Automatically cut off laser	20s	20s	20s	20s	20s-120s(adjustable)	√
Automatic shut-down	√	√	√	√	100s-300s(adjustable)	√
Voice prompts	√	√	√	√	√	√
Power display	√	√	√	√	√	√
Temperature Storage	- 20°C ~ 60°C					
Operating temperature	0°C ~ 40°C					
Humidity storage	Rh85%					

JLR series Telescope rangefinder

JLR600 / JLR800 / JLR1000 / JLR1200 / JLR1500

- distance measurement
- height measurement
- angle measurement
- speed measurement

- 6X optical observation system**
Laser technology , tolerance scope lower than ±1mm
- HD coating**
Using HD coating , HD lenses , high-performance optical imaging
- High-grade texturing**
durable and not easy to Worn , llong lasting
- Built-in lithium battery**
Built-in lithium battery Long standby time



Technical indicators

Model	JLR600	JLR800	JLR1000	JLR1200	JLR1500
Range measurement	4 ~ 600m	4 ~ 800m	4 ~ 1000m	4 ~ 1200m	4 ~ 1500m
Speed range measurement	NO		0 ~ 300km/h		
Accuracy measurement	±1m				
Magnification	7X				
Objective diameter	25mm				
Height measurement	NO		450m	500m	600m
Angle measurement	NO		±60°		
Height tolerance scope	NO		±0.5Y		
special function					
Pulsed laser	Harmless to the eyes				
Fast ranging	√				
Silent operation	Automatic power off system				
LCD Monitor	Multi-function LCD sight				
operating temperature	- 10°C ~ 60°C				



JUT200A Digital Clamp Meter

JUT200A digital clamp meter is compact, convenient, durable, Fulfilling the Chinese market with the requirements of product size, appearance and feeling. AC current is 200A, the product is widely used and affordable, therefore it could meet different application requirements by customers.

- Manual range, 1999 word count
- clamp head size is 28mm
- Data retention
- LCD backlight
- Battery undervoltage tips, over range tips, automatic polarity tips
- compact design, Compact size, Comfortable to use, weight only 260g, convenient to carry



Technical indicators

Model	JUT200A
Alternating current	2A-200A
AC voltage	600V
DC voltage	600V
Resistance	20kΩ
Diode/off	✓

JUT387B Wall Detector

JUT387B Hand-held wall detector can quickly detect the location of metal, wood beam and live wire hidden in the wall (including floor and ceiling). It is widely used in interior decoration to avoid drilling holes on these materials like rebar. It is a perfect tool used for interior decoration of homes, hotels, factories, and schools.

- Materials which can be detected are ferrous metals, non-ferrous metals, live wire, timber
- Alarms like buzzes, flashes and vibration are available
- Auto Closing System
- Silent Mode
- LCD Indicator of material detection and the indicator diagram of signal strength
- Calibration

Technical indicators

type	JUT387B
Metal with iron	80mm
Metal without iron	80mm
Live Wire	50mm
Wood material	20mm



JUT682 Digital Line finder

The digital finder consists of two parts: the signal transmitter and the receiver. By using the principle of induction to find the cable, so it does not need to open the insulation of the cable and find the signal in different parts of the cable sheath.

It has the function of hunt through the telephone wire, network cable, power cable lines and proofreading network line. With the characteristics of quick and accurate testing, it is an indispensable tool for the installation of networks, communication cables and other weak system, and also metal circuit construction and routine maintenance.

- Telephone, network, power cable hunt function
- Network line proofreading function, can check and correct network line order, whether the line connection is correct
- Open or short circuit test, Can detect DC level or positive and negative of DC battery
- Network line proofreading, exchange switch with boot status can proofread the order of the line (AC37V/DC52V)
- Volume adjustment function, adjust the knob to adjust the sound
- Headphone function, can avoid outside interference when testing in noisy environment
- You can switch between fast and slow measurement modes
- Battery low voltage mension function
- Full Chinese operation interface, the interface is simple, easy to operate



Technical indicators

Model	JUT682
Power specification	Battery powered (9V laminated battery)
Signal transfer method	Multi-frequency pulse
Short and open circuit test	Yes
Telephone line polarity indication	Yes
Audio signal test distance	1000 meters
The video cable distance	100 meters
Low pressure Indicator (launcher)	Yes



JUT661B Pipeline plugging instrument

JUT661B can quickly locate the pipeline blockage position to avoid large-scale demolition, and can penetrate 50cm thickness of the wall, with the accuracy of 5cm range, It solves the plumbing problems faced by builder / home users.

JUT661B also has the advantages of fast speed, simple operation, stable performance, long service life and so on.



Probing depth can reach 50m



chargeable / low voltage remind function



Accurately locate blockage position



probe waterproof IP67



light display



Beep prompt

Technical indicators

Model	JUT661B
launcher	Yes
signal length	30m
receiver	Yes
distance	> 50cm
measurement(depth)	Shut down current < 2 operating current 230~310mA
launcher current	Shut down current < 2 stand-by current < 40
Chargable	Maximum operating current 150-450mA (distance 1cm)
recharging current	✓
1cm distance test output sound	450 ~ 550mA
0.5cm distance test output sound	> 93dB
	> 75dB



iron tube/PVC tube measurable



JUT353 Mini noise meter

Are you distressed by the impact of industrial noise (such as rotating machinery , impact , resonance , friction , etc.) or environmental noise on your life and work , JUT353 mini-noise meter using micro-capacitance microphone sensing technology and weighting Network Design and simulate time characteristics of the human ear response to sound waves , So it can diagnose noise pollution problems quickly.

- Beautiful appearance , easy to carry
- LCD backlight display screen , Digital display at a glance
- Sampling speed has FASH/SLOW modes
- Two pollution levels , can withstand one meter landing impact
- Automatic shut-down.Overload reminder , maximum value , Minimum value , Data retention
- Using Japan TOREX LDO voltage stability control technology to make the product consume lower power

Technical indicators

Model	JUT353
range measurement(measurement accuracy)	30-130dB (±1.5dB)
Frequency weighting characteristics	Weighting(Simulated human ear)
FASH/SLOW Response rate	125ms/1000ms
Frequency response	31.5Hz-8kHz
Fuselage size	150mm×52mm×27mm



JUT363 Mini Anemometer

JUT363 Mini Anemometer is a instrument for measuring air velocity.It uses micro-magnetic sensor technology to integrate wind speed and humidity in the integration of performance. The unique design of the wind blade structure reduces the starting speed to 0.1m / s, which can quickly and accurately diagnose the air circulation problem.JUT363 can be widely used in HVAC systems, exhaust ventilation, fan manufacturing, marine and environmental monitoring and other fields.

- Beautiful appearance, easy to carry , can withstand the impact of one meter landing
- LCD backlight display screen , wind speed and temperature are being display
- Wind level dynamic indicator display , Eliminate complex conversion
- With five kinds of wind speed measurement units and °C / F two wind temperature unit switch
- Maximum value/average value/Data retention/Automatic shut-down/low pressure reminder/Over range reminding
- Beaufort wind rating display(0-12 level)
- Using Japan TOREX LDO voltage stability control technology to make the product consume lower power
- When the environment reached the cold index prompt value , the product reminds the cold warning automatically (temperature below 0°C , speed > 5m/s)

Technical indicators

Model	JUT363
Wind speed range measurement	0-30m/s (±5%rdg+0.5)
Humidity range measurement	-10°C-50°C/14°F-122°F (±2°C/4°F)
sampling time	1s
UNIT(Seven kinds of measurement units switch)	m/s , ft/m , mph , Km/h , Knots , °C , °F
Product size	160mm×50mm×28mm



Maximum power 400W

JUT230E Timed power metering socket



JUT230E machine make with PC material which having drop-resistant , heat-resistant and high flame-retardant , Socket hole can resistant high temperatures of 130 degrees without deformation , 1 meter fall prevention.LCD high-definition display with 64 mm×64 mm size , full with Chinese , and large words , easy to read the measured value.10A & 16A optional socket hole (2 holes 10A , 3 holes 16A)can choose it according to the power consumption , The internal design of the product using micro-chip and energy metering chip , together with high-precision current sensor , Monitoring the dynamic status of the AC power supply equipment and making corresponding protection measures.

- It can be used for a variety of 10-volt and 16-volt household appliances , according to the power to select the appropriate socket hole (10A and A optional) , It has the electrical transference , cording , real-time monitoring and timing monitoring functions
- The timing control function in automatic mode , 3 sets timers , can use at any time
- PC fireproof materials , in line with national requirements of CCC mandatory certification
- Real-time monitoring , to provide you with reference When you buy or maintenance inspection of household appliances , regular detection the voltage , current , power , power factor , frequency , power , CO2 displacement of household appliances (load)
- The internal design of the product using micro-chip and energy metering chip , together with high-precision current sensor , Monitoring the dynamic status of the AC power supply equipment and making corresponding protection measures

Technical indicators

Wind speed range measurement	Real-time clock display
Operating Voltage(V):180 VAC-250 VAC/50HZ	Overcurrent will alarm and disconnect automatically: >17.6A 10seconds; >19.2A 2seconds
current range(A):0.010A-16.00A	LCD large screen display, automatic backlight
Power range:1W-4000W	Hidden Cable Length of Plug:450mm
Power Factor:0-1.00	2 socket(2 holes , 3 holes)
Electricity measurement(KWh):0.001-9999KWh	fireproof material of Shell
Basic accuracy:±1%	16A power outlet dedicated
power factor , Three time control , CO2 emissions reference	In line with national requirements of CCC mandatory certification

JUT09B Power Polarity Detector

Power polarity detector , small size , light weight , easy to carry , easy to operate.It can quickly detect socket wiring, whether there is a lack of neutral wire, live wire, live and earth wire dislocation , neural and live wire dislocation.

It is widely used in factories, engineering, home power supply circuit troubleshooting, and it is a necessary tools for electrical wiring and home inspection.

- range measurement:AC 250V/13A suitable for housing and commercial electricity
- Alert reminder:RCD leakage protection switch measurement
- Detection indicator
- Double insulation, more secure measurement
- Pollution level two

Technical indicators

Model	JUT09B
Test socket rated voltage	250V AC
Test socket rated current	13A
operating voltage	230V/50HZ
operating current	<18 mA
Fuselage size	50mm X50mm X23mm



JUTI80

Infrared thermograph

Traditional infrared thermometer only has digital display readings.

JUTI80 has thermal imaging capabilities and displays hot and cold spots on the screen to help users spot potential problems. It uses a patented thermal sensor chip, can be more effectively observed the temperature changes of the object.

Dual laser launcher help you lock the target quickly, with 8GB memory card, it can save great amount of images and data. It can produce high quality infrared images, it is an advantageous tool for troubleshooting.



Technical indicators	
Basic function	JUTI80
Temperature range	-30°C to 400°C
Basic accuracy	±1.5% or ±1.5°C
Response time	150ms
Thermal imaging resolution	4800pixels(80X60)
Pixel size	17µm
Display mode	Thermal Imaging hot mix digital camera
Palette	Iron oxide red, rainbow, greyigital camera
Mixed settings	0% (Full thermal imaging)、 25%、50%、100% (All visible light)
Wavelength range	8 to 14µm
Field of view	50° horizontal
Instantaneous field of view	11mrad
Thermal imaging sensitivity	150mk
Frame rate	≤9Hz
Save the image format	Bitmap (BMP)image
Visible camera	2 million pixels
Monitortype	2.4" TFT LCD
Monitor resolution	320×240 pixels

Features

- 2 million pixel white lens
- 4-inch true color TFT LCD screen
- Dual laser point
- Distance coefficient DS ratio is 20:1
- temperature range:-30°C~400°C
- 80×60 pixel thermal imaging sensor, Visual angle 51°
- Fusion of visible and thermographic images
- Rechargeable lithium battery(Charge through Micro USB interface)

