Packaging　Ⓢ Shrink package　Ⓑ Box　ⓋⒽ Vinyl package + header card　Ⓒ Card　☑ No package
　　　　　Ⓢ Sleeve package　Ⓑ Bag　Ⓒ Clear package　Ⓥ Vinyl package

16.

Thermometers/Hygrometers/
Environment Measuring Instruments

SHINWA

Digital Lux Meter

Storage case

78747

●Separate light sensor allows sensor to be pointed towards light source while reading LCD display for better accuracy
●Measuring range switch enables switching between three different measurement ranges
●Peak hold function that locks screen at the maximum measured value
●Easy-to-read, large letter LCD screen (17 mm)

Use

●For luminance control at office, factory, or inside greenhouse

Specifications

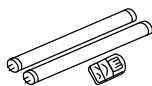|	
Measuring Range	0 - 40,000 lux
Resolution	0.1 lux
Sensitivity	0 - 10,000 lux: ±(4%+10 dgt) 10,001 - 40,000 lux: ±(5%+10 dgt)
Repeatability	±2%
Measurement Cycle	Twice/second
Light Receiver	Photodiode sensor
Operation Requirement	Temperature: 0 - 40℃　Humidity: Below 70%
Storage Requirement	Temperature: −10 - 50℃　Humidity: Below 80%
Power Source	1x 9V Battery (included) (Battery included is for trial use only and may not last as long)
Material	Body: ABS resin　Cover: Rubber

Item Code	Description		Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78747	Digital Lux Meter	⏻	Display Part: 130×72×30 Receiver Part: 106×57×26	210	4 960910 787476	1	Ⓑ

Lux Meter

78604

Note

Low luminance fluorescent light wastes electricity. Measure the light's luminance by turning conversion switch on to the right (×10) and directly facing it. If it shows below 13,000 lux, it's time to replace the tube no matter what watt value it usually shows.

●Instantly finds the brightness of a room
●Illuminometer with solar battery
●Proper luminance reading chart

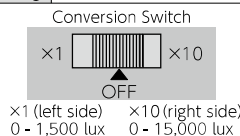**Use**

●For luminance control in a room, etc.
Example of proper luminance (lux)

Gathering/Dinner	300 - 500
Reading/Studying	550 - 1,000
PC/Detail Work	1,000 - 1,500

Specifications

Material	Body: ABS resin
Measuring Range	0 - 15,000 lux

Conversion Switch

×1　[ ]　×10
OFF

×1 (left side)　×10 (right side)
0 - 1,500 lux　0 - 15,000 lux

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78604	Lux Meter	100×64×24	70	4 960910 786042	5	Ⓢ Ⓟ

Digital UV Light Meter

Carry case

78642

●Ideal for control and confirmation of ultraviolet light intensity
●Separate light sensor allows sensor to be pointed towards light source while reading LCD screen for better accuracy
●Measuring range switch enables switching between three different measurement ranges
●Peak hold function that locks screen at the maximum measured value
●Easy-to-read, large letter LCD screen (17 mm)

Use

●For industrial use facility management
●For control of UV lamps such as UV dryers
●Simple confirmation for products that cut UV light

Specifications

Measuring Range	0 - 20.00 mW/cm²
Display Mode Range	Range 0 - 400.0 μW/cm² Range 0 - 4000 μW/cm² Range 0 - 20.00 mW/cm²
Resolution	Range 0 - 400.0 μW/cm² : 0.1 μW/cm² Range 0 - 4000 μW/cm² : 1 μW/cm² Range 0 - 20.00 mW/cm² : 0.01 mW/cm²
Accuracy	Range 0 - 400.0 μW/cm² : ±16.2 μW/cm² Range 0 - 4000 μW/cm² : ±162 μW/cm² Range 0 - 20.00 mW/cm² : ±1.62 mW/cm²
Measurement Wavelength	290 - 390 nm (Supports UVA·UVB)
Use Environment	Temperature: 0 - 40℃　Humidity: Below 70%
Power Source	1x 9V Battery (included) (Battery included is for trial use only and may not last as long)
Material	Body: ABS resin　Cover: Rubber

Item Code	Description		Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78642	Digital UV Light Meter	⏻	Display Part: 130×72×30 Receiver Part: 164×50×32	219	4 960910 786424	1	Ⓑ

Carpenter's Squares

Stainless Steel Rules/ Machine Scale

Aluminum Rules

Resin Folding Rules/ Bamboo Rules

Squares/ Protractors

Vernier Calipers/ Micrometers

Tape Measures

Surveying Products

Scales

Levels

Lasers/ Optical Equipment

Inklines/ Chalklines/ Plumbholders

Circular Saw Guides

Construction Tools

Industrial Tools

Thermometers/ Hygrometers/ Environment Measuring Instruments

Outdoor Products

Magnifying Glasses

Drawing Tools

Magnets

SHINWA

16. Thermometers/Hygrometers/ Environment Measuring Instruments

Packaging ⓢ Shrink package Ⓑ Box ⓋⒽ Vinyl package + header card Ⓒ Card ⬜ No package
ⓈⓅ Sleeve package Ⓑ Bag Ⓒ Clear package Ⓥ Vinyl package

Digital Noise Meter

Carry case

Cushioned case

78588

Features
● Able to keep displaying maximum value during measurement
● 3 measuring ranges
● Portable, compact size
● Works right out of the box; user friendly

Use
● For checking noise level at construction sites or factories

Specifications

Measuring Range	30 - 130 dB
Resolution	0.1 dB
Accuracy	±1.5 dB (at 94 dB and 1 KHz)
Frequency Range	31.5 Hz - 8 KHz
Frequency Weighting	A/C switchable
Display Mode Range	30 - 70 dB
	60 - 100 dB
	90 - 130 dB
Response Speed	FAST (125 ms) SLOW (1 s)
Operation Requirements	Temperature: 0 - 40℃ Humidity: 10 - 90%
Storage Requirements	Temperature: −10 - 60℃ Humidity: 10 - 75%
Power Source	1x 9V Battery (included) (Battery included is for trial use only and may not last as long)
Material	Body: ABS resin

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78588	with Maximum Value Holding Function	185×63×35	150	4 960910 785885	1	Ⓑ

Metallic Hourglass

70304

Features
● Sleek design
● Feel the passing of time with smooth falling sand
● Durable metal frame makes it usable professionally in restaurant or kitchen

Use
● For a variety of time management tasks
● As an interior decoration or accessory
＊Not for use in a sauna

Specifications

Accuracy	Within ±20 seconds
Material	Body: Zinc alloy die cast, glass Sand: Glass

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
70304	for 3-minute	93×35×24	141	4 960910 703049	5	ⓈⓅ

Hourglass

70550   70551   70552

Features
● Various sizes to choose from - one minute, three minutes, and five minutes
● Nice to have as an interior decoration as well

Use
● For a variety of time management such as brushing teeth, calling time, or training, etc.
＊Not for use in a sauna

Specifications

	70550	70551	70552
Accuracy	Within ±10 secs	Within ±30 secs	Within ±50 secs
Material	Body: Wood, glass Sand: Glass		

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
70550	for 1-minute	φ45×88	33	4 960910 705500		
70551	for 3-minute	φ50×100	43	4 960910 705517	5	ⓈⓅ
70552	for 5-minute	φ55×112	53	4 960910 705524		

JIS JIS mark   With red numbers   cm/shaku (Upper side (or Front) metric/ Lower side (or Back) shaku)   With magnet   Vial with luminous sheet   Thermometer   Double-sided tape   Letters in Japanese   With stopper   Oil   Glass lens   With edge

12 Japanese zodiac signs   With battery   shaku/cm (Upper side (or Front) shaku/ Lower side (or Back) metric)   With non-slip pad   Thermometer/Hygrometer   Hygrometer   With charging tool   Letters in English   With direction arrow   With grid scale   Plastic lens