SNDWAY
TOOLS AND INSTRUMENTS

SW-500GQ

2025

PRODUCT CATALOG

SNDWAY TECHNOLOGY (GUANGDONG) CO.,LTD.

Add:58 Tuanjie Road, Humen Town, Dongguan City
Guangdong Province, China
E-mail:market@sndway.com
TEL:+86 769 8526 5688
Web:www.sndway.com

SNDWAY TECHNOLOGY (GUANGDONG) CO.,LTD.

INDUSTRIAL AND OUTDOOR GREEN LASER DISTANCE METER

SNDWAY SW-150GQ

1X

106.21m
79.999m

149.999m

Laser Distance Meter **150M**

◄ Fun   ☀ READ   ► Menu

▲ +   ◈ OFF CLEAR   ▼ −

IP68
Protection Level

Camera

Zoom Funtion

SW-150GQ

ITEMS	SW-GQ	SW-GS	SW-50G	SW-50D	SW-A
Pictures					
Measuring Range	80m/120m/150m/200m	80m/120m/150m	50m/70m/100m	50m/70m/100m/120m	50m/70m/100m/120m/150m
Laser Color	Green	Green	Green	Red	Red
Laser Type	Class Ⅱ 500-800nm <1mW			Class Ⅱ 630-670nm <1mW	
Measuring Unit	m/in/ft	m/in/ft	m/in/ft	m/in/ft	m/in/ft
Accuracy	±(2mm+D*1/10000)	±(2mm+D*1/10000)	±(2mm+D*1/10000)	±(2mm+D*1/10000)	±(2mm+D*1/10000)
Screen	2.4" IPS Color LCD	2.4" Segment Screen	2.2" Segment Screen	2.2" Segment Screen	1.8" Segment Screen
Back Copper Nut	1/4"Nut	1/4"Nut	1/4"Nut	1/4"Nut	1/4"Nut
Protection Grade	IP68	IP68	×	×	×
Angle Range	±90°	±90°	±90°	±90°	×
Angle Accuracy	±1°	±1°	±1°	±1°	×
Battery	3.7V 2000mAh Li-ion	3.7V 2000mAh Li-ion	3x1.5V AAA/3.7V 850mAh Li-ion		2x1.5V AAA
Battery Life	*5500 times / 3500 Times	Single Measuring 15000 Times	8000 Times	8000 Times	8000 Times
Bluetooth	Optional	Optional	Optional	Optional	×
Staking-Out	√	×	×	×	√
Area of Triangle	√	×	×	×	×
Continuous Measurement	√	√	√	√	√
Area/ Volume Measurement	√	√	√	√	√
Wall Area Measurement	√	√	√	√	√
Pythagorean Measurement	√	√	√	√	√
Angle and Height Measurement	√	√	√	√	×
Add/Subtract Measurement	√	√	√	√	√
Area&Volume Addition/Subtraction	√	√	√	√	√
Max/Min Value	√	√	√	√	√
Self-calibration	√	√	√	√	√
Delay Measurement	√	√	√	√	√
Camera Area Measurement	√	×	×	×	×
Trapezoidal Measurement	√	×	×	×	×
Reference Height Measurement	√	×	×	×	×
Roof Slope Measurement	√	×	×	×	×
Absolute Height Measurement	√	×	×	×	×
Azimuth Measurement	√	×	×	×	×
Automatic screen rotation	√	×	×	×	×
Beep	√	√	√	√	√
Backlight	√	√	√	√	√
Level Bubble	×	×	×	×	1
Digital Level Bubble	√	×	×	×	×
Auto Laser-off	20s Single Measurement				
Auto Power-off	300s(optional)	150s	300s	150s	150s
Charging Specification	DC5V 1A USB Type-C	DC5V 1A USB Type-C	×	×	×
USB Charging Time	About 3 hours	About 3 hours	×	×	×
Max Storage	100 Units	99 Units	99 Units	99 Units	100 Units
Dimension	128*60*29.5mm	128*60*29.5mm	118*52*27mm	118*52*27mm	118*54*26.5mm

* 5500 times of measurment when camera is off;3500 times of measures under camera mode.

4X CAMERA LOCKS LONG DISTANCE TARGET

SNDWAY H-DS120C

Laser Distance Meter **120M**

H-DS120C

Color LCD

Camera

ITEMS	SW-T40	H-DM	SW-S80/120	H-DS120	H-DS120C	H-DS200
Pictures						
Measuring Range	40m/60m/80m 100m/120m	40m/60m/80m 100m/120m/150m	80m/120m	120m	120m	200m
Laser Color	Red	Red	Red	Red	Red	Red
Laser Type	Class II 630-670nm<1mW					
Measuring Accuracy	±(2mm+D*1/10000)					
Measuring Unit	m/in/ft	m/in/ft	m/in/ft	m/in/ft	m/in/ft	m/in/ft
Delay Measurement	×	×	√	√	√	√
Continuous Measurement	√	√	√	√	√	√
Max/Min Measurement	√	√	√	√	√	√
Area Measurement	√	√	√	√	√	√
Volume Measurement	√	√	√	√	√	√
Angle Measurement	×	×	√	√	√	√
Angle Range&Accuracy	×	×	±90°	±90°	±90°	±90°
Angle Accuracy	×	×	±1°	±1°	±1°	±1°
Staking-out	×	×	√	√	√	√
Pythagorean Measurement	√	√	√	√	√	√
Area of Triangle	×	×	√	√	√	√
Addition/Subtraction	√	√	√	√	√	√
Area&Volume Addition/Subtraction	√	√	×	√	√	√
Max Storage	99 Units	30 Units	100 Units	100 Units	100 Units	32G
Self-calibration	√	√	√	√	√	√
Beep	√	√	√	√	√	√
Backlight	√	√	√	√	√	√
Level Bubble	1	2	×	×	×	×
Digital Level Bubble	×	×	×	√	√	√
End-piece	×	√	×	√	√	√
Tripod Hole	×	1/4"Nut	×	1/4"Nut	1/4"Nut	1/4"Nut
Hand Strap	√	√	√	√	√	√
LCD	4-Line Segment Display FSTN		2.4"IPS TFT LCD	2.4"Color LCD		
Bluetooth	×	×	√	Optional	Optional	Optional
USB Connector	×	×	√	√	√	√
SD Card	×	×	×	×	×	√
Electronic Voice Broadcast	Button Sound	Optional	Button Sound	Optional	Optional	Optional
Camera	×	×	√	×	×	√
Video	×	×	×	×	×	√
Photo	×	×	×	×	×	√
Automatic laser-off	20s	20s	20s~120s	20s~120s	20s~120s	20s~120s
Automatic Power-off	150s	150s	100s~300s	100s~300s	100s~300s	100s~300s
Operating Temperature	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C
Storage Temperature&Humidity	-20°C~60°C,20%~80%RH					
Battery	1.5V 2*AAA	1.5V 2*AAA	3x1.2V 800mAh AAA Ni-MH Battery	3*1.2V AAA 800mAh Ni-MH		2*1.2V AAA 2400mAh Ni-MH
Battery Life	8000 Times	8000 Times	3000 Times(With Camera Operating) 4000 Times(Without Camera Operating)			*5000/6000Times
Dimension	112*50*25mm	118*54*28mm	125*54*27mm	130*56*29mm	130*56*29mm	144*59*30mm

*5000 Times(With Camera Operating);6000 Times(Without Camera Operating)

A COST-EFFECTIVE CHOICE

H-DS SERIES

SELF-CALIBRATION FUNCTION

MULTIPLE MEASURING MODES

ITEMS	SW-MT4	H-DS	SW-TG	SW-DS	SW-DM	SW-KS
Pictures						
Measuring Range	40m/50m/60m	50m/70m/100m	50m/70m/100m/120m	50m/70m/100m/120m	40m/60m/80m/100m/120m	40m/50m/70m/100m/120m
Laser Color	Red	Red	Red	Red	Red	Red
Laser Type	Class II 630-670nm＜1mW					
Measuring Accuracy	±（2mm+D*1/10000）					
Measuring Unit	m/in/ft	m/in/ft	m/in/ft	m/in/ft	m/in/ft	m/in/ft
Delay Measurement	×	×	×	√	√	×
Continuous Measurement	√	√	√	√	√	√
Max/Min Measurement	√	√	√	√	√	√
Area Measurement	√	√	√	√	√	√
Volume Measurement	√	√	√	√	√	√
Angle Range	×	×	×	±90°	±90°	×
Angle Accuracy	/	/	/	±1°	±1°	/
Pythagorean Measurement	√	√	√	√	√	√
Addition/Subtraction	×	√	√	√	√	√
Area&Volume Addition/Subtraction	×	√	√	√	√	√
Max Storage	×	99 Units	99 Units	99 Units	99 Units	99 Units
Self-calibration	√	√	√	√	√	√
Beep	√	√	√	√	√	√
Backlight	√	√	√	√	√	√
Level Bubble	×	1	2	×	×	2
LCD	4-Line Segment Display FSTN					
Automatic Laser-off	20s	20s	20s	20s	20s	20s
Automatic Power-off	150s	150s	150s	150s	150s	150s
Operating Temperature	0°C～40°C	0°C～40°C	0°C～40°C	0°C～40°C	0°C～40°C	0°C～40°C
Storage Temperature&Humidity	-20°C～60°C;20%~80%RH					
Battery	2x1.5V AAA	2x1.5V AAA	2x1.5V AAA	2x1.5V AAA	2x1.5V AAA	2x1.5V AAA
Battery Life	4000/8000 Times (Carbon-zinc Battery/Alkaline Battery)	8000 Times	8000 Times	8000 Times	8000 Times	8000 Times
Dimension	104*43*25.5mm	108*50*25mm	118*54*25mm	112*50*25mm	112*50*25mm	112*50*25mm

TWO-WAY MEASURE DOUBLE EFFECIENCY

SW-DR SERIES

Dual laser+Magnetic inside

Metal Housing

ITEMS	SW-DR	SW-DG	SW-GT	SW-RT
Pictures				
Measuring Range	60m(Unidirection) 120m(Bidirection);100m(Unidirection) 200m(Bidirection)			
Laser Color	Red	Green		Red
Laser Type	Class II 630-670nm<1mW	Class II 500-800nm<1mW		Class II 630-670nm<1mW
Accuracy	±(2mm+D*1/10000)(Unidirection)			
Screen	2.0"240*320 TET LCD			
Unit	m/in/ft			
Angle Range	±90°			
Angle Accuracy	±1°			
Continuous Measurement	√	√	√	√
Area or Volume Calculation	√	√	√	√
Pythagorean Calculation	√	√	√	√
Max/Min Value	√	√	√	√
Self-calibration	√	√	√	√
Wall Area Measurement	√	√	√	√
Angle and Height Measurement	√	√	√	√
Addition/Subtraction Measurement	√	√	√	√
Electronic Level Bubble	√	√	√	√
Automatic Screen Rotation	√	√	√	√
Magnetism	√	√	√	√
Back Copper Nut	×	×	1/4" Copper Nut	1/4" Copper Nut
Max Storage	100 Units	100 Units	100 Units	100 Units
Housing	Metal		ABS+TPE	
Automatic Power-off/Laser-off	180s/0s(Single Measurement)			
Storage/Operating Temperature	-20°C~60°C/0°C~40°C			
Storage Humidity	20%~80%RH			
Battery	3.7V 850mAh Li-ion			
Battery Life	8000 time (Unidirectional); 5000 times (Bidirectional)	5500 time (Unidirectional); 3500 times (Bidirectional)	5500 time (Unidirectional); 3500 times (Bidirectional)	8000 time (Unidirectional); 5000 times (Bidirectional)
Charging Specification	DC5V 0.75A Type-C USB Interface			
Charging Time	About 1.5 Hours			
Dimension	115x50x24.5mm		118x54x25.5mm	

2-IN-1 LASER RANGEFINDER

Distance measuring instrument+tape measure

SW-TA

Laser Ranging	Mechanical tape measure	Dual tube collaboration	Multiple modes	Segmented LCD
Storage	Lithium battery 600mAh	Chinese/English Broadcast	Electronic Level	Angle and height measurement

ITEMS	SW-DB	H-DA	SW-MA	SW-TA	SW-GB	H-DG	SW-GTD
Pictures							
Measurement Range	50/70/100m		50/70/100/120m	50/70/100m			
Laser Color	Red				Green		
Accuracy	±(2mm+D* 1/10000)*						
Screen	2.2" Black and white LCD						
Continuous Measurement	√						
Area/ Volume Measurement	√						
Pythagorean Measurement	√						
Add/Subtract Measurement	√						
Area&volume Addition subtraction	√						
Max/Min Value	√						
Self-Calibration	√						
Angle And Height Measuremen	√						
Bluetooth App	√	×			√	×	
Chinese/English Broadcast	√						
Battery	3.7V 600mAh Li-ion						
Laser Type	Class ll 630-670nm,<1mW				Class ll 500-800nm,<1mW		
Auto Laser-off	20s						
Auto Power-off	150s						
Max Storage	100 units						
Measurement Times At Full Charge	≥5500 Times(single measuring)				≥5000 Times(single measuring)		
Dip Measuring Range&Accuracy	±90°, ±1°						
Storage Temperature	-20°C~60°C						
Working Temperature	0°C~40°C						
Storage Humidity	20%~80%RH						
Product Dimension	118x54x26mm						
Tape measure parameters	SW-DB	H-DA	SW-MA	SW-TA	SW-GB	H-DG	SW-GTD
Measuring Range	2m						
The Minimum Scale	1mm						
Unit	Single-sided imperial system						
Tape Width	9.0mm						
Tape Thickness	0.1mm						
Tape Material	Manganese Steel						
Tape Accuracy	±1mm						
Self-Locking	×						

![SNDWAY]

THREE IN ONE LASER RANGEFINDER

range finder+tape measure+Cross projection line

H-DGL

Laser Ranging	Mechanical tape measure	Laser wire casting	Multiple modes	High definition color screen

Storage	Lithium battery 600mAh	Chinese/English Broadcast	Electronic Level	Angle and height measurement

Line parameters	H-DL	SW-ML	SW-TAL	H-DGL	SW-GTL
Alarm angle	±4°Line laser flicker				
Line power / Line width	<1mW @10cm / ≤3mm(5m处)				
Working distance for line casting	10m(ambient light<300LUX)				
Battery operating time	About 3.5 hours (continuous)				
Automatic shutdown	30 Minutes				

ITEMS	H-DL	SW-ML	SW-TAL	H-DGL	SW-GTL
Pictures					
Measurement Range	50/70/100m				
Accuracy	±(2mm+D* 1/10000)*				
Laser Color	Red			Green	
Screen	2.2" Black and white LCD			2.0-inch IPS color screen	
Continuous Measurement	√				
Area/ Volume Measurement	√				
Pythagorean Measurement	√				
Add/Subtract Measurement	√				
Area&volume Addition subtraction	√				
Max/Min Value	√				
Self-Calibration	√				
Angle And Height Measuremen	√				
auto-rotate screen	x			√	
Font size adjustment	x			√	
Electronic level bubble for wire casting	x			√	
Virtual Scale	x			√	
Button Sound	√				
Battery	3.7V 600mAh Li-ion				
Laser Type	Class II 630-670nm,<1mW			Class II 500-535nm,<1mW	
Auto Laser-off/Power-off	20s/150s				
Max Storage	100 units				
Measurement Times At Full Charge	≥5500 Times(single measuring)			≥5000 Times(single measuring)	
Dip Measuring Range&Accuracy	±90°, ±1°				
Storage Temperature/Humidity	-20°C~60°C / 20%~80%RH				
Working Temperature	0°C~40°C				
Product Dimension	118x54x26mm				
Tape measure parameters	H-DL	SW-ML	SW-TAL	H-DGL	SW-GTL
Measuring Range /Unit	2m/Single-sided imperial system				
The Minimum Scale	1mm				
Tape Width &Thickness	9.0mm/0.1mm				
Tape Material	Manganese Steel				
Tape Accuracy	±1mm				

![SNDWAY]

DIGITAL DISPLAY ROLLERDISTANCE METER

Magnetism Design

Curve Measurement

Irregular Surface Measurement

SNDWAY

SW-X30A

Roller Measurement

Laser Measurement

Magnetism Design

ITEMS	SW-X30A	SW-X30D	SW-M30A	SW-M30B	SW-24/25/26A	SW-B40
Pictures						
Measuring Range	0-99.999m	0.05-30m			40m/50m/60m	
Measuring Method	Roller Measuring	Roller Measuring / Laser Measuring	Laser Measuring	Laser Measuring	Laser Measuring	Laser Measuring
Laser color	×	×	Red			
Laser Type	×	×	Class II 630-670nm <1mW			
Magnetism	√	×				
Unit	m/in/ft	m/in/ft	m/in/ft	m/in/ft	m/in/ft	m/in/ft
Max Storage	10 Units	30 Units	/			/
Accuracy	1cm+D*3/1000	±(5mm+D*1/10000)			±(2mm+D*1/10000)	
Continuous Measurement	×	×	√	√	√	√
Area/Volume Measurement	×	×	×	√	√	√
Wall Area Measurement	×	×	×	×	√	×
Perimeter Measurement	×	×	×	×	√	×
Pythagorean Measurement	×	×	×	√	√	√
Max/Min Value	×	×	√	√	√	√
Self-Calibration	×	×	√	√	√	√
Screen	Segment LCD	Segment LCD	Segment LCD	Segment LCD	Segment LCD	Segment LCD
Auto Laser-off	×	×	20S(Single Measurement)			
Auto Power-off	180s	150s				300s
Battery Life	12h	10h	5000 Times		3500Times	8000Times
Battery	3.7V 240mAh Li-ion		3.7V 220mAh Li-ion		3.7V 370mAh Li-ion	3.7V 850mAh Li-ion
Charging Specification	DC5V 0.2A Typ-C	DC5V 0.5A Typ-C	DC5V ≥0.5A Type-C		DC5V 0.35A	DC5V 1≥0.85A Type-C
Working Temperature	-10°C ~ 50°C	0°C ~ 40°C			0°C ~ 40°C	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C		-20°C ~ 60°C	-20°C ~ 60°C
Storage Humidity	20%~80%RH	20%~80%RH	20%~80%RH		20%~80%RH	20%~80%RH
Dimension(mm)	60x54x17.4	60x54x17.4	85x23x11.5		80x37x20	100.3x33.4x18.3

LASER TAPE MEASURE EXCELLENT ACCURACY

SW-TMB SERIES

- Laser Measurement
- Tape Measurement
- Self Lock Tape

ITEMS	SW-TL	SW-TMA	SW-TM	SW-TMB
Pictures				
Measuring Range	40m/50m/60m	40m/60m	40m/60m	40m/60m
Accuracy	±(2mm+d*1/10000)	±(2mm+d*1/10000)	±(2mm+d*1/10000)	±(2mm+d*1/10000)
Screen	LCD screen with backlight			
Unit	m/in/ft			
Sound	√			
Self-calibration	√			
Continuous Measurement	√			
Area or Volume Calculation	√		×	√
Pythagorean Calculation	√		×	√
Wall Area Measurement	√		×	√
Add/Subtract Accumulation	×	√	×	√
Laser Color	Red			
Laser Type	Class II 630-670nm＜1mW			
Auto Laser-off	20s			
Automatic Power-off	150s			
Storage Temperature	-20°C ~ 60°C			
Operating Temperature	0°C ~ 40°C			
Storage Humidity	20%~80%RH			
Battery	3.7V 850mA Li-ion		2x1.5V AAA	3.7V 500mAh Li-ion Battery
Battery Life	8000 Times of measurement after fully charged			5000 Times of single measurement after fully charged
Charging Specification	Type-C DC 5V 0.5A		×	USB Type-C DC 5V 0.5A
Dimension	80x79.6x48 mm	87x79x58 mm	85.3x79.3x58.8 mm	76x80x53mm

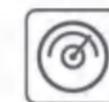| ITEMS	TAPE
Measuring Range	5m (SW-TMB:3m)
The Minimum Scale	1mm
Tape Width	19mm
Tape Thickness	0.16mm
Tape Material	65 Manganese Steel
Ruler Hook	Movable With Double Magnets
Self-locking	Yes

- Two Measuring Modes
- Continuous Measurement
- Self-Icoking Function
- Front and Rear Reference
- ±9mm Self Calibration

SAFELY DRILL HOLES ON THE WALL

SW-6100GT

Wall detection

Laser Measure 2 In 1

ITEMS	SW-6100GT	SW-6110
Pictures		
Max Detection Depth	Ferrous metal 100mm; Non-ferrous metal (Copper) 80mm; Copper wire (>4 mm) 40mm; Foreign body(Usually refer to wood) 20mm/38mm	
Operating Humidity	0~85%RH in metal mode; 0~60%RH in Foreign body mode	
Measuring Range	120m	
Accuracy	±(2mm+Dx1/10000)	
Protection Grade	IP54	
Continuous Measurement	√	
Area/ Volume Measurement	√	
Pythagorean Measurement	√	
Add/Subtract Measurement	√	
Max/Min Value	√	
Laser Color	Red	
Laser Type	Class II 630-670nm <1mW	
Max Storage	30Units	
Auto Laser-off	20s(Single Measurement)	
Screen	2.4" IPS Color LCD	
Auto Power-off	About 5 minutes	
Battery	3.7V 800mAh Li-ion	
Charging Specification	DC5V 0.8A Type-C	DC5V 1A Type-C
Charging Time	About 2 hours	
Distance Meter-Battery Life	5000 Times of measurement after fully charged	
Metal Detector-Battery Life	About 6 hours	

360°ADJUSTABLE LASER LEVEL
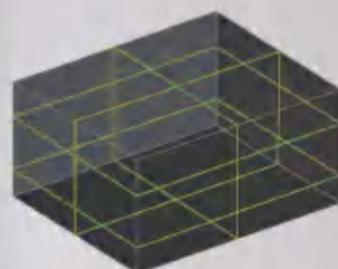
SW-416G

Manual Mode

Self-leveling Mode

ITEMS	SW-511R	SW-331G	H-D321G	X221	SW-333G	H-D353G	SW-373G	H-D363G	SW-383G	SW-416G	SW-431G
Pictures											
Light Source	Red Light	Green Light	Green Light	Green&Red* Light	Green Light	Green Light	Green Light	Green Light	Green Light	Green Light	Green Light
Measuring Range	x	x	x	40m/50m/60m 70m/80m	x	x	x	x	x	x	x
Product Type	1V2H / 2 Lines	1V1H / 2 Lines	1V1H / 2 Lines	1V1H / 2 Lines	3x360 / 12 Lines	3x360 / 12 Lines	3x360 / 12 Lines	3x360 / 12 Lines	3x360 / 12 Lines	4x360 / 16 Lines	1H 360+4V Lines
Continuous Measurement	x	x	x	√	x	x	x	x	x	x	x
Area/Volume Measurement	x	x	x	√	x	x	x	x	x	x	x
Pythagorean Measurement	x	x	x	√	x	x	x	x	x	x	x
Painter Function	x	x	x	√	x	x	x	x	x	x	x
Button's Sound	x	x	x	√	x	x	x	x	x	x	x
Auto Laser-off	x	x	x	20s	x	x	x	x	x	x	x
Auto Power-off	x	x	x	150s	x	x	x	x	x	x	x
Wave Length	635±5nm	510-530nm	510-530nm	510-530nm	510-530nm	510-530nm	510-530nm	510-530nm	510-530nm	510-530nm	510-530nm
Leveling Accuracy	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m
Horizontal/ Vertical Accuracy	±3mm/10m	±3mm/10m	±3mm/10m	±(1.5mm+D*5/ 10000)	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m
Leveling/ Compensation Range	4°±1°	4°±1°	3°±1°	3°±1°	3°±1°	3°±1°	3°±1°	3°±1°	3°±1°	3°±1°	3°±1°
Operating Distance (Line)	10m	20m	x	x	20m	30m	30m	30m	30m	30m	30m
Operating Distance (Line With Detector)	x	x	x	x	>50m	>50m	>50m	>50m	>50m	>50m	x
Operating Time	Approximately 8 Hours	Approximately 12 Hours	x	x	Approximately 4 Hours	Approximately 8 Hours	Approximately 8 Hours	Approximately 8 Hours	Approximately 8 Hours	Approximately 6 Hours	Approximately 8 Hours
Laser Power	10mW×1	15mW×1	15mW×1	x	30mW×3	30mW×3	30mW×3	30mW×3	30mW×3	30mW×4	15mW×1
Laser Class	Class II	Class II	Class II	Class II	Class II	Class II	Class II	Class II	Class II	Class II	Class II
Water Proof Grade	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Response Time	≤3s	≤3s	≤3s	≤3s	≤3s	≤3s	≤3s	≤3s	≤3s	≤3s	< 3s
Extension Angle	H&V:110°	H&V:110°	H&V:110°	x	H&V:360°	H&V:360°	H&V:360°	H&V:360°	H&V:360°	H&V:360°	H&V:360°
Charging Specification	x	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C
Operating Temperature	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C	0°C ~ 40°C	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C
Storage Temperature	-20°C ~ 70°C	-20°C ~ 70°C	-10°C ~ 50°C	-20°C ~ 60°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Power Source	2 x 1.5V AA	3.7V 1400mAh Li-ion	3.7V 1400mAh Li-ion	3.7V 1800mAh Li-ion	3.7V 5200mAh Li-ion	3.7V 5400mAh Li-ion	3.7V 5400mAh Li-ion	3.7V 5400mAh Li-ion	3.7V 5400mAh Li-ion	18650 Li-ion *2	3.7V 5200mAh Li-ion
Dimension(mm)	64x76x77	65x77.5x78.7	65x79.5x78	60.5x76.5x93	87x111x113	87.6x134.4x118.2	87.6x134.4x135.4	87.6x134.4x135.4	92x150.6x138.5	124x91x137	53.7x40x57.8

*Red (ranging laser), Green (level laser)

LASER RANGING TELESCOPE

Distance measuring instrument+tape measure

Level 6 dust prevention

Level 5 waterproof

SW-3000B

3000m

ITEMS	SW-3000A	SW-3000B
Pictures		
Measurement Rang	10-3000m	
Image assistance	x	√
Screen	Red	
Accuracy	±(1.0m+Dx0.3%)*	
unit	m(Meter), Y(Yard)	
Measuring Speed	<1000m(<300ms);1000-2500m(<500ms);2500-3000m(<3s)	
Linear distance measurement	√	
Azimuth Mode	√	
Horizontal andVerticalDistance Measuremen	√	
Flagpole Locking	√	
Magnification	7X±5%	
Field of View	6.0°±5%	
Objective Caliber	28mm	
Eyepiece Caliber	20mm	
Exit pupil Caliber	4.0+10%mm	
Diopter Adjustable Range	±5°	
Laser Class	Class 1	
Laser wavelength	905nm	
Battery	3.7V/3500mAh Li-ion	
Battery Life	50000 Times	30000 Times
Protection Grade	IP65	
Working Temperature / Humidity	-10°C~50°C;<95%RH	
Storage Temperature / Humidity	-20°C~60°C;<85%RH	
Charging Specifications	DC 5V 1.5A Type-C	
Auto Power -off	10s	3min
Product Dimension	144.61x119.85x52.9mm	

LASER RANGEFINDER TELESCOPE
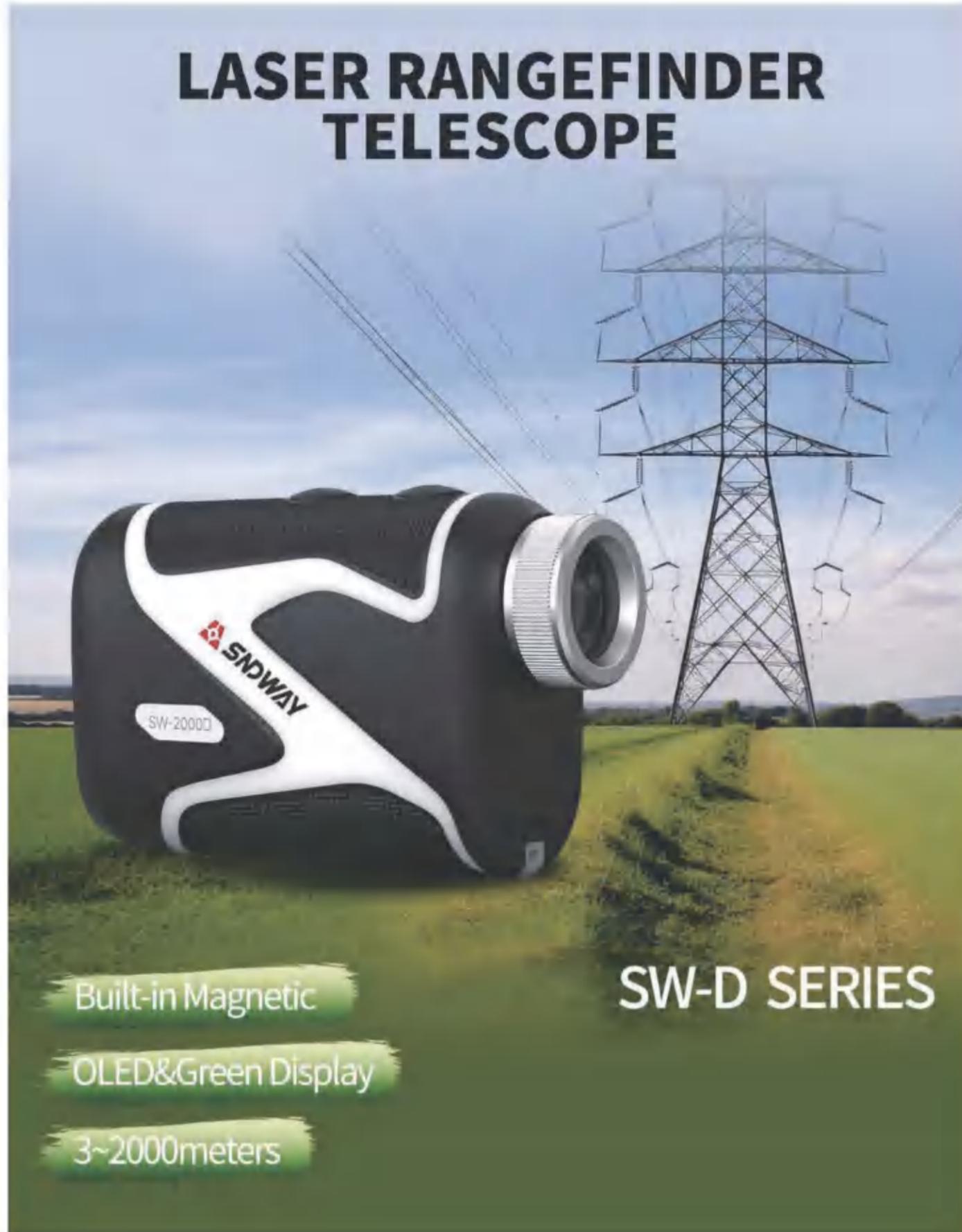
SW-D SERIES

- **Built-in Magnetic**
- **OLED&Green Display**
- **3~2000meters**

ITEMS	SW-D			SW-HM			SW-E			SW-RF09		
Pictures												
Display	B	RG	RB	B	RG	RB	B	RG	RB	B	RG	RB
Measuring Range	B:3-700m/1000m/1500m			RG/RB:3-1000m/1500m/2000m								
Accuracy	±(1.0m+Dx0.3%)			±(1.0m+Dx0.3%)			±(1.0m+Dx0.3%)			±(1.0m+Dx0.3%)		
Unit	m(Meter), Y(Yard)			m(Meter), Y(Yard)			m(Meter), Y(Yard)			m(Meter), Y(Yard)		
Measuring Speed	<0.5s (<120M 64ms; ≥120M 460ms)			<0.5s (<120M 64ms; ≥120M 460ms)			<0.5s (<100M 0.3s; >700M 0.45s)			<0.3s (<120M 64ms; >120M 300ms)		
Speed Measurement Accuracy	±5 km/h	×		±5 km/h	×		±5 km/h	×		±5 km/h	×	
Speed Measurement Range	0~300 km/h	×		0~300 km/h	×		0~300 km/h	×		0~300 km/h	×	
Angle Range	±90°			±90°			±90°			±90°		
Height Measurement	√			√			√			√		
Scan Mode	√			√			√			√		
Flagpole Locking	√			√			√			√		
Azimuth Mode	√			√			√			√		
Horizontal and Vertical Distance Measurement	√			√			√			√		
Vibration Prompt	√			√			√			√		
Magnetism	√			×			√			√		
Golf Compensation Mode	√			×			×			√		
Fog Mode	×		√	×		√	×		√	×		√
Magnification	6X±5%			6X±5%			6X±5%			6X±5%		
Field of View	7.0°±5%			7.0°±5%			7.0°			7.0°±5%		
Objective Caliber	23.5mm			23.5mm			23.5mm			23.5mm		
Eyepiece Caliber	15mm			15mm			16mm			15±1mm		
Exit Pupil Caliber(mm)	3.7±0.5	4.0±0.5	3.9±0.5	3.7±0.5	4.0±0.5	3.9±0.5	3.7±0.5	4.0±0.5	3.9±0.5	3.7±0.5	4.0±0.5	3.9±0.5
Diopter Adjustment Range	±6°			±6°			±6°			±6°		
Laser Class	Class 1			Class 1			Class 1			Class 1		
Laser Wave Length	905nm			905nm			905nm			905nm		
Protection Grade	IP54			IP54			IP54			IP54		
Battery	3.7V 750mAh Li-ion			3.7V 750mAh Li-ion			3.7V 750mAh Li-ion			3.7V 750mAh Li-ion		
Battery Life	20000 Times of measurement after fully charged											
Charging Specification	DC5V 0.5A Type-C			DC5V 0.5A Type-C			DC5V 0.5A Type-C			DC5V 0.5A Type-C		
Dimension	112x70x40mm			106x69x40mm			111.5x75.8x43.5mm			109x68x37.2mm		

B:BLACK RG:RED&GREEN RB:RED/BLACK

GOLF LASER RANGEFINDER
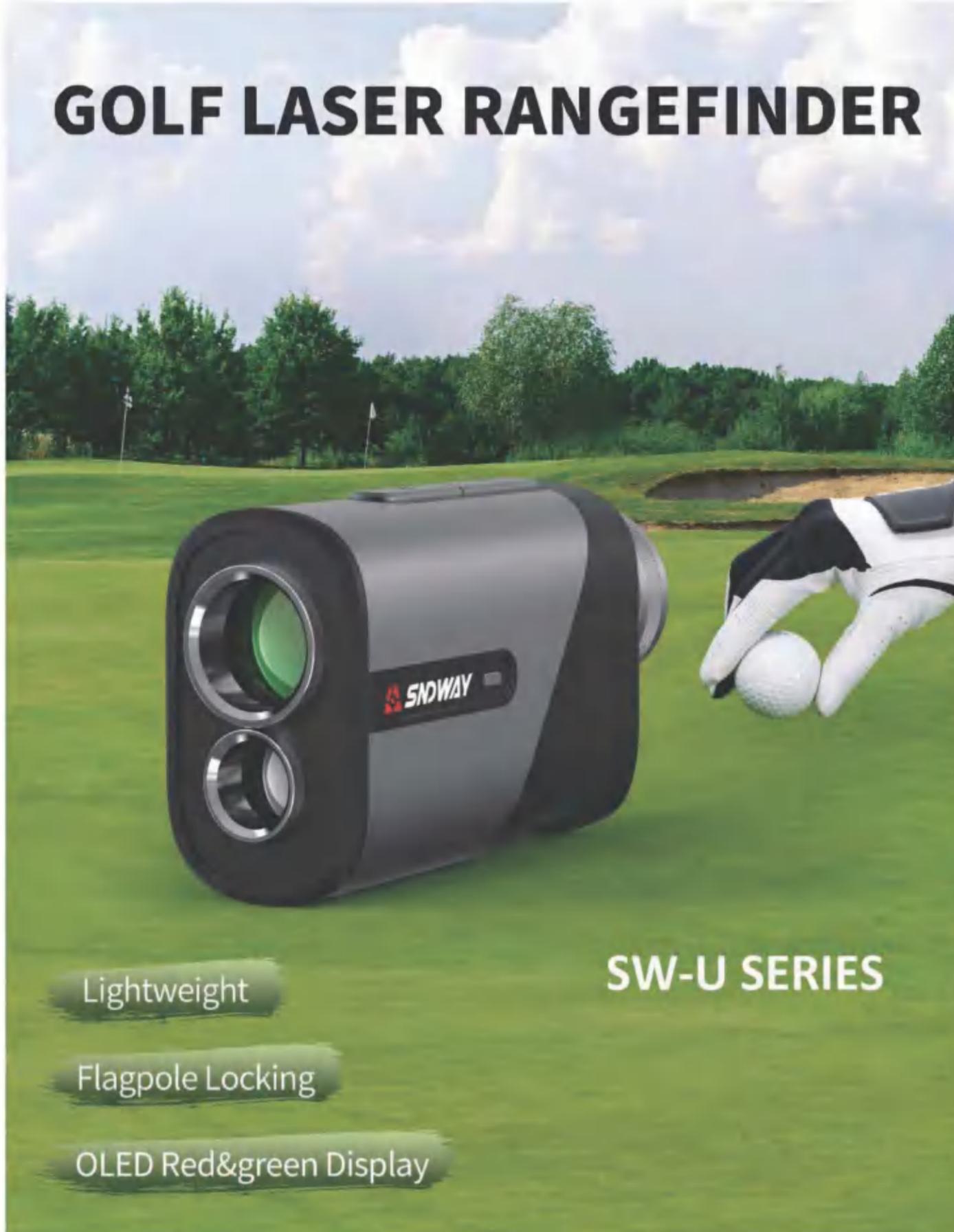
SW-U SERIES

Lightweight

Flagpole Locking

OLED Red&green Display

ITEMS	SW-U		SW-MINI02		SW-RF06	SW-RF07	SW-RF05
Pictures							
Display	B	RG	B	RG	B/RG/RB		
Measuring Range	3-800m/ 3-1000m		3-1000m		3-700/1000m		
Accuracy	±(1.0m+Dx0.3%)						
Resolution	1m						
Unit	m(Meter), Y(Yard)						
Measuring Speed	<0.5s (<120M 64ms; ≥120M 460ms)						
Scan Mode	√						
Flagpole Locking	√						
Golf Compensation Mode	√						
Height Measurement	√						
Vibration Prompt	√						
Magnetism	×		√				
Magnification	6.3X±5%	5.5X±5%	6.3X±5%	5.5X±5%	6X±5%		
Field of View	7.0°±5%		7.0°±5%		7.0°±5%		
Objective Caliber	18mm				19mm		
Eyepiece Caliber	16mm		16mm		15mm		
Exit Pupil Caliber(mm)	2.9±0.5	3.3±0.5	2.9±0.5	3.3±0.5	B:3.7±5% RG/RB:3.2±5%		
Diopter Adjustment Range	±6°						
Protection Grade	IP54						
Laser Class	Class 1						
Laser Wave Length	905nm						
Battery	3.7V 650mAh Li-ion				3.7V 750mAh Li-ion		
Auto Power-off	20S						
Charging Specification	DC5V 0.5A Type-C						
Operating Temperature/Humidity	-10°C ~ 50°C; ≤95%RH						
Storage Temperature/Humidity	-20°C ~ 60°C; ≤85%RH						
Dimension	92x55x33mm		92.4x56.9x35.7mm		105x69x43mm	104x70x40mm	115x70x42mm

B:BLACK RG:RED&GREEN RB:RED/BLACK

COLOR LCD&TOUCH SCREEN

6X Magnification view

ABS exquisite housing

SW-B SERIES

ITEMS	SW-A		SW-B	
Pictures				
Display	B	RB	B	RB
Measuring Range	B:3-600m/1000m/1500m RB:3-1000m/1500m/2000m		B:3-800m/1000m/1500m RB:3-1000m/1500m/2000m	
Magnification	6X ±5%		6X ±5%	
Field of View	7.0° ±5%		7.0° ±5%	
Scan Mode	√		√	
Accuary	±(1.0m+Dx0.3%)		±(1.0m+Dx0.3%)	
Speed Measurement Accuracy	±5 Km/h		±5 Km/h	
Speed Measurement Range	0~300 Km/h		0~300 Km/h	
Height Measurement	√		√	
Flagpole Locking	√		√	
Magnetism	Optional		Optional	
Angle Range	±90°		±90°	
Diopter Adjustment Range	±6°		±6°	
Unit	m / Y		m / Y	
Objective Caliber	23.5mm		23.5mm	
Eyepiece Caliber	15.0mm		15.0mm	
Exit pupil Caliber(mm)	3.7±0.5	3.9±0.5	3.7±0.5	3.9±0.5
Bttery	750mAh Li-ion		750mAh Li-ion	
Charge-discharge Time	800 Times		800 Times	
Operating Times	30000 Times (at full charge)		30000 Times (at full charge)	
Protection Grade	IP54		IP54	
Operating Temperature	-10°C ~ 50°C		-10°C ~ 50°C	
Battery Life	30000 Times of measurement after fully charged			
Laser Class	Class 1		Class 1	
Laser Wave Length	905nm		905nm	
Dimension	104x74.4x40.5 mm		104x74.4x40.5 mm	

B:BLACK RG:RED&GREEN RB:RED/BLACK

• Velocity Measurement

• Electric Power

• Outdoor Activities

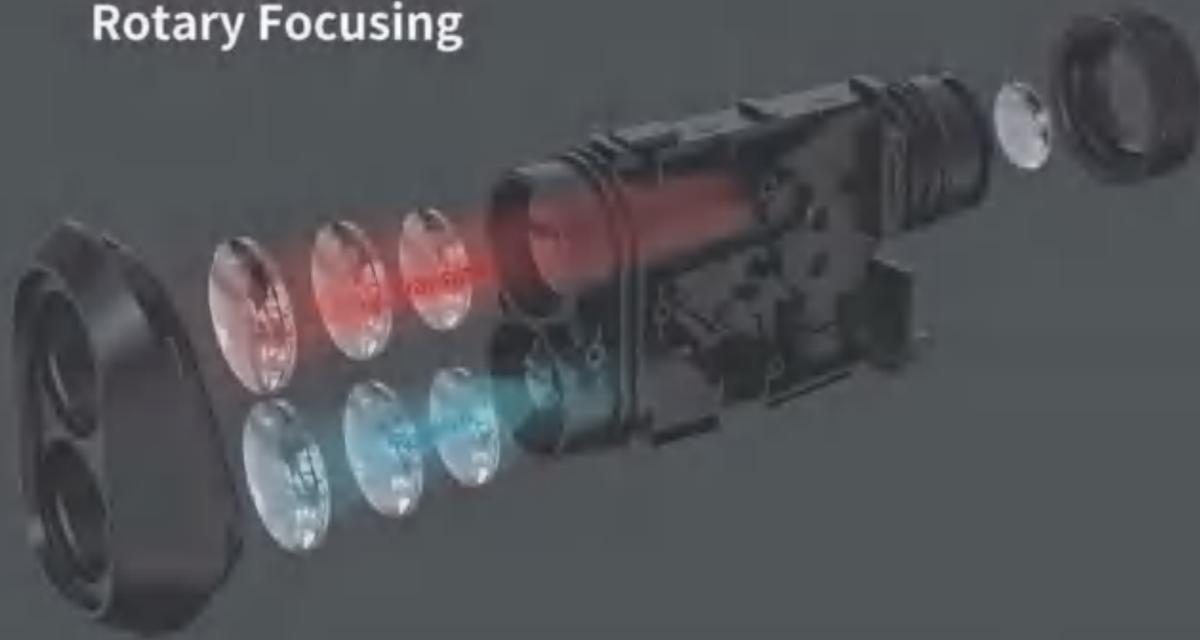• Golf

SNDWAY

THOUSANDS OF METERS INFRARED PULSE

Rotary Focusing

1500m Measuring Range

±1.0m +Dx0.3% Measuring Accuracy

ITEMS	SW-M	SW-G	JM01	SW-RF02	SW-RF03
Pictures					
Display	B　RB　RG	B	B　RB　RG	B　RB　RG	B　RB　RG
Measuring Range	3-700m/1000m	3-1200m/1500m	3-700m/1000m	3-700m/1000m	3-700m/1000m
Unit	m(Meter), Y(Yard)	m(Meter), Y(Yard)	m(Meter), Y(Yard)	m(Meter), Y(Yard)	m(Meter), Y(Yard)
Height Measurement	√	√	√	√	√
Slope Measurement	√	√	√	√	√
Scan Mode	√	√	√	√	√
Flagpole Locking	√	√	√	√	√
Vibration Prompt	√	√	√	√	√
Magnetism	×	×	×	×	×
Angle Range	±90°	±90°	±90°	±90°	±90°
Measuring Speed	<0.5s (<120M 64ms; ≥120M 460ms)	<0.5s (<120M 64ms; ≥120M 460ms)	<0.5s (<120M 64ms; ≥120M 460ms)	<0.5s (<120M 64ms; ≥120M 460ms)	<0.5s (<120M 64ms; ≥120M 460ms)
Speed Measurement Accuracy	±5 km/h	±5 km/h	±5 km/h	±5 km/h	±5 km/h
Speed Measurement Range	0~300 km/h	0~300 km/h	0~300 km/h	0~300 km/h	0~300 km/h
Accuracy	±(1.0m+Dx0.3%)	±(1.0m+Dx0.3%)	±(1.0m+Dx0.3%)	±(1.0m+Dx0.3%)	±(1.0m+Dx0.3%)
Magnification	6X±5%	6X±5%	6X±5%	6X±5%	6X±5%
Field of View	7.0°±5%	7.0°±5%	7.0°±5%	7.0°±5%	7.0°±5%
Objective Caliber	19mm	19mm	19mm	19mm	19mm
Eyepiece Caliber	15mm	16mm	15mm	15mm	15mm
Exit pupil Caliber (mm)	3.7±0.5　3.2±0.5	3.7±0.5	3.7±0.5　3.2±0.5	3.7±0.5　3.2±0.5	3.7±0.5　3.2±0.5
Diopter Adjustable Range	±6°	±6°	±6°	±6°	±6°
Laser Class	Class 1	Class 1	Class 1	Class 1	Class 1
Laser Wave Length	905nm	905nm	905nm	905nm	905nm
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Storage Humidity	20%~80%RH	20%~80%RH	20%~80%RH	20%~80%RH	20%~80%RH
Operating Temperature	-10°C~50°C	0°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C
Protection Grade	IP54				
Battery	3.7V 750mAh Li-ion	3.7V 750mAh Li-ion	3.7V 750mAh Li-ion	3.7V 750mAh Li-ion	3.7V 750mAh Li-ion
Bttery Life	20000 Times of measurementafter fully charged (Single measurement)				
Charging Specification	DC5V 0.5A Type-C	DC5V 0.5A Type-C	DC5V 0.5A Type-C	DC5V 0.5A Type-C	DC5V 0.5A Type-C
Dimension	106x67.7x38mm	103x65x38mm	107.7x70.1x37mm	108x67.7x38.5mm	108x68.2x40.3mm

B:BLACK　RG:RED&GREEN　RB:RED/BLACK

SW-6210GT

SW-6200

SW-6210

SW-6210S

SW-6220

SW-6230

ITEMS	SW-6210GT	SW-6200	SW-6210	SW-6210S	SW-6220	SW-6230
Display	2.4" 320*240 TFT LCD	1.77" 128*64 Lattce LCD	2.4" 320*240 TFT LCD	2.4" 96*128 Lattce LCD	3.5" 320*480 TFT LCD	2.4" 320*480 TFT LCD
Touch Screen	×	×	×	×	Capacitive Touch Screen	×
Standard Hardness Block	Optional	√	Optional	Optional	√	√
Chinese-English Shift	√	√	√	√	√	√
Printing	×	×	×	×	×	√
Data Export	Connected to computer with USB cable	×	Connected to computer with USB cable	×	Connected to computer with USB cable	
Average Value	×	√	√	√	√	√
Max / Min Value	×	×	×	×	√	×
Memory	800 units (Impact Times 32-1)	10 units	800 units (impact Times 32-1)	800 units (Impact Times 30-1)	800 units(Impact Times 32-1)	
Indication Error	±6HL@ 760±30HLD,±10HL@530±40HLD					
Impact Device	Standard Type D					
Measuring Range	170~960 HLD					
Measuring Directions	Vertical down, Diagonal down,Horizontal, Diagonal up, Vertical up					
Hardness Measuring Material	Steel and cast steel, Alloy tool steel, Stainless steel ,Gray cast iron, Nodular cast iron, Cast aluminum alloy, Copper-zinc alloy (Brass), Copper-tin alloy (Bronze), Forged steel					
Strength Measuring Material	Low carbon steel, High carbon steel, Chromium steel, Chromium vanadium steel, Chromium nickel steel, Chromium molybdenum steel, Chromium nickel molybdenum steel、Chromium manganese silicon steel, Ultrahigh strength steel, Stainless steel					
Unit	HL,HB,HRB,HRC,HRA,HV,HS					
Power Supply	3.7V 2000mAh Li-ion	350mAh Li-ion	3x1.5V AAA	3.7V 2000mAh Li-ion	3.7V 3500mAh Li-ion	3.7V 1800mAh Li-ion
Charging Specification	DC 5V/ 1A Type-C USB	DC 5V 500mA Type-C	/	DC 5V/1A Type-C	DC 5V 2A Type-C	DC 5V 1A UCB
Operating Temperature	0°C ~ 40°C	0°C ~ 40°C	-20°C ~ 60°C	0°C ~ 40°C	0°C ~ 40°C	-10°C ~ 50°C
Storage Temperature	-10°C ~ 50°C	-10°C ~ 50°C	-30°C ~ 60°C	-10°C ~ 50°C	-10°C ~ 50°C	-20°C ~ 60°C
Storage Humidity	10%~70%RH	10%~70%RH	10%~70%RH		Relative Humidity ≤90%	
Operating Environment	Do Not Work In Strong Shock,Intense Magnetic,Strong Corrosive Or Thick Dust Environment					
Alarm	Sound/LED Alarm	Sound	Sound	Sound	Sound	Sound
Charging Time	About 2.5 hours	About 1.5 hours	About 2.5 hours	About 2.5 hours	About 2.5 hours	About 2.5 hours
Battery Life	About 12 hours	About 11 hours	About 12 hours	About 40 hours	About 16 hours	About 8 hours
Protection Grade	IP54	×	×	×	×	×
Dimension	150x65x30mm	165x42x27.5mm	128x63.5x27mm	140x66x28.5mm	150x70x30mm	206x80x36.5mm

SW-6300

SW-6310A

SW-6310B

SW-6310C

SW-6310D

ITEMS	SW-6300A	SW-6300B	SW-6310A	SW-6310B	SW-6310C(Split)	SW-6310D(Split)
Display Screen	Reverse video segment LCD	Reverse video segment LCD	segment Code LCD	2.0"240x320 TFT LCD	2.0"240x320 TFT LCD	3.5"320x480 TFT LCD
Touch Screen	×	×	×	×	×	Capacitive Touch Screen
Measuring Range	Magnetic :0~1200μm Non-magnetic: 0~1200μm	6300B/6310A/6310B: Magnetic 0~1700μm Non-magnetic 0~1700μm 6310D: FN2 probe: Magnetic 0~1700μm;Non-marnetic 0~1700μm F10 probe: Magnetic 0~9999μm				
Resolution	6300A/B&6310A/B/C: 0.1μm @ (0~99.9μm); 1μm @ (100~1700μm) 6310D: FN2 probe: 0.1μm @ (0~99.9μm); 1μm @ (100~1700μm); F10 probe: 1μm @ (0~999μm);0.01mm @ (1.00~9.99mm)					
Indication Error	6300A/B&6310A/B/C: ±(2+2%*H)μm @ (0~500μm);±(2.5%*H)μm @ (>500~1700μm) 6310D: FN2 probe: ±(2+2%*H)μm @ (0~500μm);±(2.5%*H)μm @ (>500~1700μm); F10 probe: Curvature radius 10mm					
Min Measuring Area	FN2 probe: Magnetic 25x25mm; Non-magne c 25x25mm		F10 probe: Diameter > 40mm(Only for 6310D flagship type)			
Min Curvature	FN2 probe:Convexity 5mm; Concavity 30mm		F10 probe: Curvature radius 10mm(Only for 6310D flagship type)			
Min Thickness of Substrate	FN2 probe:Magnetc 0.2mm ; Non-magnetic 0.05mm		F10 probe: 2mm(Only for 6310D flagship type)			
Memory	×	×	30 Units	8 Sets*32 Units	8 Sets*32 Units	8 Sets*128 Units
Voice Broadcast	×	Optional	×	Optional	×	Optional
Data Export	×	×	×	Connected to Computer With USB Cable	×	Connected to Computer With USB Cable
Power Supply	3.7V 850mAh Li-ion	3.7V 850mAh Li-ion	2x1.5V AAA	3.7V 850mAh Li-ion	3x1.5V AAA	3.7V 3500mAh Li-ion
Charging Specification	DC 5V 0.8A Type-C USB interface	DC 5V 0.8A Type-C USB interface	Not Rechargeable	DC 5V/0.8A Micro USB interface	Not Rechargeable	DC 5V 2A Type-C USB interface
Operating Temperature & Humidity	0°C~50°C,10%~80%RH					
Storage Temperature & Humidity	-10°C ~ 60°C 10% ~ 70%RH	-10°C ~ 60°C 10% ~ 70%RH	-10°C ~ 60°C 10% ~ 70%RH	-10°C ~ 60°C 10% ~ 70%RH	-10°C ~ 60°C 10% ~ 70%RH	-10°C ~ 50°C 10% ~ 70%RH
Dimension	104x63x28mm	104x63x28mm	120x52x26mm	120x52x26mm	128x63.5x27mm	150x70x30mm

Chemical Industry

Painting of Car

Metal Processing Industry

SW-6510GT   SW-6510A   SW-65105   SW-6520   SW-653()

• Applications

Pulse reflects ultrasonic to test the thickness. Which can be widely used in petroleum, chemical engineering, metallurgy, shipbuilding, aerospace industry etc.

METAE

PLASTIC

CERAMICS

GLASS

ITEMS	SW-6510GT	SW-6510A	SW-6510S	SW-6520	SW-6530
Display	2.4" 320x240 TFT LCD	2.4" 240x320 TFT LCD	2.4" 96x128 Lati ce LCD	3.5" 320x480 TFT LCD	2.4" 320x240 TFT LCD
Touch Screen	×	×	×	Capacitive Touch Screen	×
Measuring Range	1.00~300.00mm(In steel)				
Sound Velocity	1000~9999m/s				
Uint	0.1mm/0.01mm/0.01in				
Accuracy	6510GT/6510A/6510S: H<10mm, ±0.1mm; H≥10mm, ±(1%H+0.1)mm H : actual thickness		6520: H<10mm,±0.05mm, 10mm≤H<75mm,±(0.5%H+0.01)mm, H≥75mm,±(1%H+0.1)mm		6530:±(0.5%H+0.04)mm
Voice Broadcast	Optional	Optional	Optional	Optional	×
Standard Thickness of the Block	4mm	4mm	4mm	4mm	4mm
Probe	5MHzΦ10mm				
Chinese-English Shift	√				
Memory	300 Sets			8 Sets*600 Units	4500 Sets
Memory Contents	Material,Velocity of Sound,Unit,Measring Value,The MAX Value,The MIN Value and Average Value Material,Velocity of Sound,Unit,Measring Value,The MAX Value,The MIN Value and Average Value ,Measureing Time and Date(Only for 6530)				
Main Functions	Single measurement, continuous measurement, single-strong (signal enhancement), continuous-strong (signal enhancement)	Single Measurement,Continuous Measurement,Alarm Measurement, Sound Velocity Measurement,Calibration			
Average Value	√				
Max And Min	√				
Prin⊠ng	×				√
Power Supply	3.7V 2000mAh Li-ion				3.7V 1800mAh
Charging Specification	DC 5V/ 1A Type-C			DC 5V/ 2A Type-C	DC 5V/ 500mA Micro
Working Temperature	0°C ~ 40°C				-20°C~50°C
Storage Temperature & Humidity	-10°C~50°C; 10%~70%RH				-30°C~70°C; ≤90RH
Protection Grade	IP54	×	×	×	×
Alarm	Sound/LED/Vibration Alarm	Sound	Sound	Sound	Sound
Lower Limit of Pipe Measurement	Φ20*3mm (steel)	Φ20*3mm (steel)	Φ20*3mm (steel)	Φ20*3mm (steel)	Φ20*3mm (steel)
Min Resolution	0.01mm				
Data Export	×				
Charging Time	About 2.5 hours	About 2.5 hours	About 2.5 hours	About 3 hours	About 3 hours
Battery Life	About 8 hours	About 9 hours	About 16 hours	About 18 hours	>30h(No Print)
Dimension	150*65*30mm	140*66*28.5mm	140*66*28.5mm	150*77*30mm	206*80*36.5mm

SNDWAY

BATTERY DETECTOR

SW-6910A

SW-6910B

SW-6910S

ITEMS	SW-6910A	SW-6910B	SW-6910S
Screen	3.5" Color screen	2.4" Color screen	2.4" LED latice screen
Application	12V/24VBattery/electric Vehicle		
Battery lifespan	Show as Percentage	Show as Percentage	Show as Percentage
Voltage /CCA/ Internal Resistance	√	√	√
Cranking Test	√	√	√
Load Test	√	√	√
Charging System Test	√	√	√
Kelvin Probe Test	√	√	√
Car Batteries Free Removal	√	√	√
Color Screen Operating System	√	√	√
Protection Input For Anti-polarity/Overvoltage	√	√	√
Built-in Li-ion Battery	×	√	×
Printing	×	√	×

• Applications

SW-512

ITEMS	SW-512A	SW-512B	SW-512C
Range	±3.45KPa	±39.99KPa	±103.42KPa
Accuracy	±1%FS Max error:35pa	±1%FS Max error:400pa	±1%FS Max error:1.04Kpa
Limit Maximum Pressure	6.89KPa	79.9KPa	206.7KPa
Repeatability	±0.25%FS		
Response Time	0.5S		
Pressure Connnection	1/8" Connector		
Operating Temperature	0°C ~ 40°C 10% ~ 80%RH		
Storage Temperature	-10°C ~ 60°C 10% ~ 90%RH		
Exceed Range Alarm	Err1 or Err2		
Battery	3x1.5V AAA		
Net Weight	120g		
Dimension	138.5x63.5x27mm		

• Applications

Chemical Industry

Clean Room

Pressure Filtration Device

Air-conditioning Ventilation System

SNDWAY

SW-63A

SW-65A

SW-67A

• Applications

Machinery Manufacturing

Electric Power

Metallurgy

ITEMS	SW-63A	SW-65A	SW-67A
Display	LCD Screen	2.0" 240x320 Color LCD	3.5" 320x480 Color LCD
Sensor	Piezoelectric acceleration sensor		Split type voltage acceleration sensor
Sensor Wire Length	×	×	3 Meter
Sensor Accessories	Long Sensor, Short Sensor	Long Sensor, Short Sensor	Long Sensor, Short Sensor, Magnetic Probe, Screws
Acceleration Range	0.1~199.9m/s2		
Speed Range	0.1~199.9mm/s		
Velocity Range	0.001~1.999mm		
Displacement Range Accuracy	±(5%+2dgts)		
Testing Frequency in Low Frequency Acceleration	10Hz~1KHz		
Testing Frequency in High Frequency Acceleration	1KHz~10KHz		
Testing Frequency of Velocity	10Hz~1KHz		
Testing Frequency of Displacement	10Hz~500Hz		
Storage	×	200 Sets	500 Sets
Auto Power-off	√	√	√
Data Refresh Time	500ms	500ms	500ms
Power Supply	2x1.5V AAA	2x1.5V AAA	Builtin 3500mAh Li-ion
Battery	12 hours for continuous working	4 hours for continuous working	15 hours for continuous working
Operating Temperature	0°C ~ 50°C		
Operating Humidity	20% ~ 80%RH		
Storage Temperature	-20°C ~ 60°C		
Storage Humidity	20% ~ 80%RH		
Altitude	<2000m		
Dimension	177x65x28mm	176x54x25mm	150x70x30mm

SW-7500D

SW-7500A

SW-7500GT
(Basic)

SW-7500GT
(Flagship)

SW-7500D
PP Box (Flagship Only)

SW-7500D
Retractable detection handle
(Flagship Only)

1. Min length of detecting rod

2. Max length of detecting rod

ITEMS	SW-7500D		SW-7500A		SW-7500GT	
	Basic	Flagship	Basic	Flagship	Basic	Flagship
Screen	2.4" 240x320 TFT LCD		2.0" 96x128 Lattice LCD		2.0" 96x128 Lattice LCD	
Sensor Principle	Electrochemical and Catalytic Combustion					
Alarm	Three alarm modes: Sound/Light/Vibration					
Alarm Stting	Upper and lower limit alarm value		Upper and lower limit alarm value		Upper and lower limit alarm value	
Response Time	<30s		<30s		<30s	
Gas Type Display Mode	Combination display, Single gas display		Combination display, Single gas display		Combination display, Single gas display	
Sampling Method	Built-in air pump		Diffusion	External air pump	Diffusion	External air pump
Time Display	√		√		√	
Language	Chinese/English		Chinese/English		Chinese/English	
Memory	400 Units		×		×	
Battery	3.8V 3000mAh Li-ion		3.7V 2000mAh Li-ion		3.7V 2000mAh Li-ion	
Charging Specification	DC 5V/ 1A Type-C USB Interface		DC 5V/ 1A Type-C USB Interface		DC 5V/ 1A Type-C USB Interface	
Charging Time	About 4 hours		About 2.5 hours		About 2.5 hours	
Battery Life	About 6 hours		9h: Air pump off; 4h: Air pump on		10h: Air pump off; 4h: Air pump on	
Auto Power-off	5 minutes (be canceled if no operation)		/		/	
Operating TEMP&RH	-10°C ~ 50°C; ≤95%RH		-10°C ~ 55°C; ≤95%RH		-10°C ~ 55°C; ≤95%RH	
Storage TEMP&RH	-20°C ~ 60°C; ≤85%RH		-20°C ~ 60°C; ≤85%RH		-20°C ~ 60°C; ≤85%RH	
Explosion-proof Certification	Ex ib IIB T3 Gb		×		Ex ib IIB T3 Gb	
Protection Grade	IP65		IP65		IP65	
Retractable detection handle	×	√	×	×	×	×
Voice Broadcast	×	×	Optional		Optional	
Data Export	×	×	×		×	
Application	×	×	Combustible gas,Oxygen,Carbon Monoxic Hydrogen sulfide		×	×
Accuracy	≤5%FS	≤5%FS	≤5%FS	≤5%FS	≤5%FS	≤5%FS
Sensor Lifespan	1 years	1 years	1 years	1 years	1 years	1 years
Dimension	174x77x55mm	174x77x55mm	133x67x43mm	198x67x56mm	134x66x44mm	198x66x56mm

Gas Type	Range	Accuracy	Resolution	Low Concentration Alarm Value	High Concentration Alarm Value
CO	0~999 µmol/mol(PPM)	±10%	1 µmol/mol(PPM)	50 µmol/mol(PPM)	150 µmol/mol(PPM)
H2S	0~100 µmol/mol(PPM)	±5 µmol/mol(PPM)	1 µmol/mol(PPM)	10 µmol/mol(PPM)	35 µmol/mol(PPM)
O2	0~30% VOL	±3% FS	0.1% VOL	19.5% VOL	23.5% VOL
Ex	0~100% LEL	±5% FS	1% LEL	20% LEL	50% LEL

MULTIFUNCTIONAL COMBUSTIBLE GAS DETECTOR

SW-733GT

Color Display

Combustible Gas Detection

Atmospheric Pressure Detection

ITEMS		SW-733GT	SW-733GS
Screen		2.4" 240x230 TFT LCD	
Language		Chinese/English	
Time Display		√	
Alarm		Sound/LED/Vibration Alarm/Under-Voltage Alarm	
Beep		The Higher the Beep Frequency, The Higher the Concentration	
Memory		×	
Battery		3.7V 2000mAh Li-ion	
Charging Specification		DC 5V/ 1A Type-C USB Interface	
Charging Time		About 2.5 Hours	
Battery Life		About 9h (Flashlight Off)	
Auto Power-off		Default 5 Minutes(Changeable)	
Operating Temperature &Humidity		-10°C ~ 50°C; 20% ~ 95%RH	
Storage Temperature &Humidity		-20°C ~ 60°C; ≤85%RH	
Explosion-proof Certification		Ex ib IIB T3 Gb	
Gas	Application	Natural Gas, Liquefied Petroleum Gas, Combustible Gases	
	Range	0-20%LEL, 0-10000μmol/mol (ppm)	
	Resolution	0.1%LEL, 1μmol/mol (ppm)	
	Unit	%LEL、ppm、μmol/mol	
	Accuracy	±5%FS	
	Preheating Time (T90)	30s	
	Response Time(T90)	＜30s	
	Sampling Method	Diffusion	
	Calibration	Zero Calibration	
	Default Gas Alarm Value	Min Concentration 1000μmol/mol; Max Concentration 4000μmol/mol; Changeable	
Atmospheric Pressure	Measuring Range	0~39.99Kpa	×
	Accuracy	±1%FS(Max Error 400Pa)	×
	Limiting Max Pressure	79.9KPa	×
	Repeatability	±0.25%FS	×
	Reaction Time	2s	×
	Pressure Connection	Interface Diameter 9.5mm	×
	Atmospheric Pressure Unit	KPa, mmHg, inHg, psi, mbar, bar, ozin, kgcm, inH2O, ftH2O, cmH2O	×
Dimension		170x66x28.5mm	

SW-733GT

SW-733GS

Combustible Gas Detection

Refrigeration Equipment Detection

Mine Operation Detection

Metallurgy Detection

SW-753A

SW-713A

SW-733A

SW-743A

ITEMS	SW-753A	SW-713A	SW-733A	SW-743A
Product Name	H2S DETECTOR	CO Detector	Combustible Gas Detector	Halogen Detector
Display	Segment LCD			
Application	Sulfuretted hydrogen(H2S)	Carbon monoxide(CO)	Natural gas, liquefied petroleum gas;Suitable for artificial gas	R22,R32,R134a
Range	0-100PPM	0-2000PPM	0-100%LEL	0~1000PPM
Resolution	1PPM	1PPM	1%LEL	1PPM
Accuracy	/	±10%	±5%LEL	R22@0.5 Ounce/Year (14g/Year)
Repeatability	×	≤2%	×	×
Zero Draft	×	Equivalent 0-3PPM	×	×
Draft Range	×	≤5%	×	×
Baseline Drift (-20°C~40°C)	Equivalent 0-5PPM	×	×	×
Response Time	<35s	<20s	<30s	<10s
Preheating Time (T90)	30s	<30s	30s	30s
Mode	Diffussion			
Alarm Value Correction	Two point correction			
Power Supply	3x1.5V AAA			
Operating Time	>6h			
Visual Readout	Real-time data,Battery,Unit,Temperature			
Alarm Setitng	Lower limit/Upper limit			
Alarm Indication	Alarm sound ,LED,Audible vibration alarm,Under-voltage Alarm			
Beep	The higher the beep frequency, the higher the concentration			
Ex-mark	Ex ib IIB T3 GB			
Operating Temperature	-10°C ~ 50°C			
Operating Humidity	<95% RH with no condensatio			
Max Sensitivity	×			R600A/R22&T134A@ 0.5 Ounce/Year(14g/Year)
Dimension	156x64x27mm	156x64x27mm	156x64x27mm(Length of univer sal pipe:260mm)	156x64x27mm (Length of universal tupe)

SW-523

ITEMS	SW-523	SW-524
Product Name	Sound Level Meter	
Range	30.0 ~ 130.0dB	
Accuracy	± 1.5dB (In Standard sound: 94dB@1KHz)	
Response Frequency	31.5Hz ~ 8.5KHz	
Frequency Weighting	A & C	
Time Weighting	FAST & SLOW	
Digital Display	4 digits, resolution 0.1dB, sampling frequency 2Times/second	
Dynamic Scale Display	(30 ~ 130dB) (1 scale 2dB)	
Lock for Max / Min Value	√	√
Microphone	6mm Condenser Microphone	
Data Output	×	USB Communication
Memory	×	1pc/s for 17hours
Alarm	×	√
AC Signal Output	√	√
DC Signal Output	√	√
Time Display	×	√
Power Supply	3×1.5V AAA	
Operating Temperature	0°C ~ 40°C	
Operating Humidity	10% ~ 80%RH	
Storage Temperature	-10°C ~ 60°C	
Storage Humidity	10% ~ 70%RH	
Dimension	215*63.5*27mm	

SW-572

SW-582

ITEMS	SW-572
Product Name	Humidity & Temp Meter
Temperature Range	-20.0°C ~ 60.0°C (-4°F ~ 140°F)
Temperature Accuracy	± 0.3°C (± 0.5°F)
Temperature Resolution	0.1°C (0.1°F)
Humidity Range	0% ~ 100%RH
Humidity Accuracy	± 3%RH
Humidity Resolution	0.1%RH
Alarm for Max/Min Temperature Value	√
Alarm for Max/Min Humidity Value	√
Max/Min Temperature Measurement	√
Max/Min Humidity Measurement	√
Memory	100 sets
Data Holding	√
Backlight	white, switch off in 10 minutes automatically
Auto power-off	30minutes
Power Supply	3×1.5V AAA
Working Temperature	-20°C ~ 60°C
Working Humidity	0% ~ 100%RH
Storage Temperature	-10°C ~ 60°C
Storage Humidity	20% ~ 70%RH
Dimension	188*63.5*27mm

ITEMS	SW-582
Product Name	Lux Meter
Range	0 ~ 199900Lux (1FC=10.76Lux)
Resolution	1Lux (0 ~ 9999Lux) 10Lux (10000 ~ 99990Lux) 100Lux (≥100000Lux)
Precise	± (4%rdg+0.5%F.S) (0 ~ 9999Lux) ± (5%rdg+10dgts) (≥10000Lux)
Sampling Time	0.5s
Lock for Max / Min Value	Max & Min
Power Supply	3×1.5V AAA
Operating Temperature	0°C ~ 40°C
Operating Humidity	≤80%RH
Storage Temperature	-20°C ~ 60°C
Storage Humidity	≤70%RH
Dimension	178.5*63.5*27mm

• Applications

Less noise

more quiet

• Applications

Hotel

Library

Office

Shopping Mall

SOUND LEVEL METER SERIES

SW-525C

SW-525D

SW-525G

SNDWAY

ITEMS	SW-525C	SW-525D	SW-825G
Screen	White Display	Red Display	Green Display
Measuring Range	30~130dB		
Accuracy	±1.5dB (In Standard Sound:94dB@1KHz)		
Frequency Response	31.5Hz~8.5KHz		
Frequency Weighting	A		
Response Time	FAST		
Microphone	6mm Condenser Microphone		
Digital Display	3 digits Display		
Resolution	0.1dB(<100dB), 1dB(>100dB)		
Alarm (Sound+Display)	√	√	√
Alarm Output	Output DC5V, drivable alarm horn or alarm light		
Storage Function	2s/set, store for 1 year		
Communication	Connected to computer via USB cable		
Built-in Spare Li-ion	3.7V 4000mAh Li-ion		
Charging Time	About 4.5 hours		
Battery Life	About 10 hours	About 12 hours	About 10 hours
External Power Supply Specification	DC5V 2A Type-C		
Operating Temperature/Humidity	0°C ~ 40°C; 10% ~ 80%RH		
Storage Temperature/Humidity	-10°C ~ 60°C; 10% ~ 70%RH		
Dimension	228x125x33mm		

• Library • Office • Acitivity Site

REAL-TIME DETECT ROOM ENVIRONMENTAL SAFETY

SW-525S

Sound Level Meter

SW-825

PM2.5 Detector

ITEMS		SW-525S
Screen		White Display
Noise	Measuring Range	30~130dB
	Accuracy	±1.5dB (In Standard Sound:94dB@1KHz)
	Frequency Response	31.5Hz~8.5KHz
	Frequency Weighting	A
	Response Time	FAST
	Microphone	6mm Condenser Microphone
	Digital Display	3 digits Display
	Resolution	0.1dB(<100dB), 1dB(>100dB)
Tempe-rature	Measuring Range	-10°C~50°C
	Accuracy	±1°C
	Resolution	±1°C
Humidity	Measuring Range	0~100%RH
	Accuracy	±3%RH
	Resolution	1%RH
Time Display		√
Alarm Clock		√
Alarm (Sound+Display)		√
Alarm Output		x
Storage Function		2 s/unit, store for 6 months
Communication		Connected with computer via USB cable
Built-in Spare Li-ion		3.7V 4000mAh Li-ion
Charging Time		About 4.5 hours
Battery Life		About 12 hours
External Power Supply Specification		DC5V 2A Type-C
Operating Temperature/Humidity		0°C~40°C; 10%~80%RH
Storage Temperature/Humidity		-10°C~60°C; 10%~70%RH
Dimension		150x50x87mm

ITEMS	SW-825
Measuring Range	0~500μg/m³
Single Response Time	<1s
Integrated Response Time	≤10s
Resolution Rate	1μg/m³
Particle Count Efficiency	50@%0.3μm 98%@≥0.5μm
Mass Concentration Consistency Of Particulate Matier	±10%@100~500μg/m³ ±10μg/m³@0~100μg/m³
Temperature Measuring Range	-10.0°C~50.0°C
Temperature Measuring Accuracy	±1°C
Humidity Measuring Range	0%~99%RH
Humidity Measuring Accuracy	±10%RH
PM2.5 Sensor	PLANTOWER Laser Particulate Matier Sensor
Battery Life For Once Charging	≥4.5hours
Auto Power-off	30minutes (The device cannot be power off automatically while charging time.)
Charging Specification	DC 5V, 500mA, USB Connector
Battery	Li-ion 580mAh
Operating Conditions	-10.0°C~50.0°C, 0%~99%RH
Net Weight	86g
Dimension	60x60x26mm

• Room

• Classroom

SNDWAY

PROFESSIONAL THERMALLMAGER

SW-8256A

SW-8256A

PROFESSIONAL THERMAL IMAGER

SW-256A

SW-8120S

7 color palettes	High and low temperature alarm	PC software analysis
2m anti fall	Support installation of tripod	IP65 waterproof and dustproof

ITEMS	SW-8256A
Resolution	256x192
Pixel Size	12μm
NETD	≤50mK@25°C, F#1.0
Spectral Band	8~14μm
Frame rate	25Hz
Operating Temperature	-10°C~55°C
Storage Temperature	-40°C~85°C
Power consumption	350mw
Focal Length	3.2mm
Aperture	F1.1
FOV	56.0° (H) x42.2° (V)，71.3°(D)
Focusing mode	Athermalized Prime Lens
Object temperature Range	-5°C~550°C
Measurement accuracy	±3°C or ±3% of reading, the greater shall prevail
Temperature correction	Distance、environment temperature、emissivity
Product interface	USB Type-C
Palette	White/Black hot and 6 pseudo colors
Temperature Measurement Mode	Point/Line/Plane temperature measurement
Information sharing	Instant picture sharing
Data analysis	Secondary temperature analyzing and processing of thermal images
Imaging tool	Android6.0 and above
Software update	Online updating
Product Dimension	27x8x9.8mm

ITEMS	SW-256A	SW-8120S
Sensor	Uncooled vanadium oxide	
Range	-20°C~400°C(-4°F~752°F)	
Emissivity	0.95(default)0.01~1.00	
Accuracy	Range:-10°C~400°C,± 2°C/+2%(whicherver is greater)	
Response time	≤500ms	
IR resolution	256*192(49152)	120*90(10800)
Pixel size	12μm	17μm
Palettes	Iron, Rainbow, White Hot, Red Hot, Black Hot,Lava, Rainbow HC	
Infrared spectral bandwidth	8~14μm	
FOV	56°*42.2°	50°(H)x 38°(V)
Instantaneous field of view	3.8mrad	7.6 mrad
Thermal sensitivity	<50mK @25°C	<60mK
Frame rate	<25Hz	
Temperature display	Center point temperature, high/low temperature tracking (default), ROI	Center point temperature, high low temperature tracking
Focus-free	√	
Image format	BMP	
Temperature measuring point	Besides the center point, 3 points can be added	×
PC analysis software	√	
Real-time image transmission	√ (real-time image,photo download and analysis)	×
Data communication	Type-C USB	
Display	2.8" TFT LCD	
Display resolution	320*240	
Battery	3.6V 5000mAh rechargeable Li-ion battery	3.7V 2600mAh
Auto power off	5 minutes/10 minutes/30 minutes (default)/Off	
Operating time	7-9h	Continuous operating time >9h
Charging time	<5h	≤2.5h
Charging voltage/current	5V/2A	
High and low temperature alarm	LCD screen alarm screen, LED lighting flashing prompt	LCD, LED, buzzer
Image storage	Micro SD	
Storage temperature	-20°C~60°C(-4°F~140°F)	
Operating Temperature Humidity	-10°C~50°C(14°F~122° F)10%~95%RH(non-condensing)	0~50℃(32~140F)<85%RH(non-condensing)
IP rating	IP65	IP54
Drop proof	2m	
Certificates	CE、FCC	CE、UKCA、RoHS
Product Dimension	236x75.5x86mm	197x72x60mm