

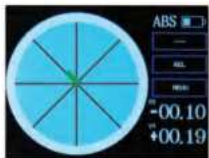


DATA OUTPUT

DIGITAL LEVEL CODE ISE-2DT



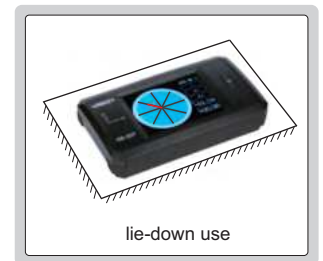
- Color LCD, touch panel
- X-Y axis measurement
- Set the tolerance and the display is shown in different colors



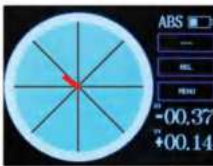
within the tolerance (green)



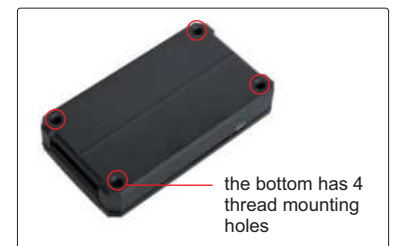
out of the tolerance (red)



- To show the incline with line or bubble



charging and data output



the bottom has 4 thread mounting holes

SPECIFICATION

Measuring range	±30°
Resolution	0.1°, 0.01°, 0.1mm/m
Accuracy	±0.03° (range 0~3°) ±0.05° (range >3°)
Power supply	rechargeable battery
Dimension	115×66×25mm
Weight	224g

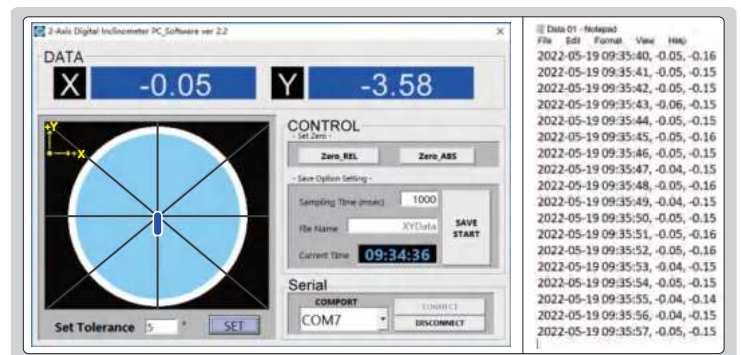
STANDARD DELIVERY

Main unit	1 pc
USB cable	1 pc

OPTIONAL ACCESSORY

Software	ISE-2DT-SOFTWARE
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PC software (optional), send data to txt



DUAL AXIS DIGITAL LEVEL AND GYRO ANGLE METER



DATA OUTPUT

DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP

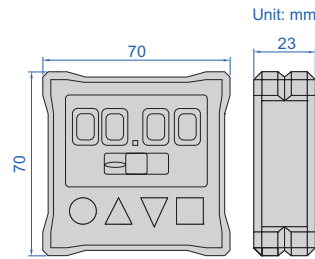
AUDIBLE ALARM WHEN OUT OF LIMIT

BACKLIGHT

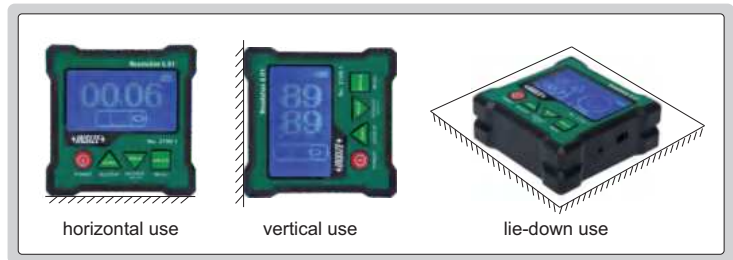
ATTENTION: HARD PLASTIC CASE



2199-1

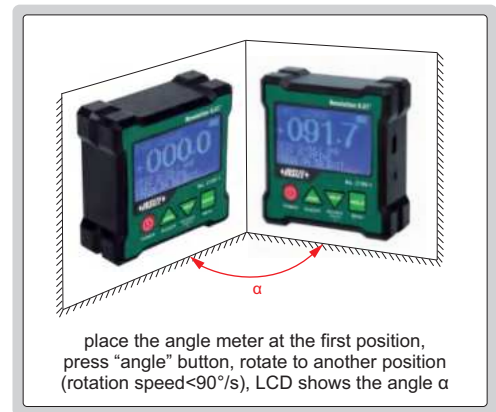


M4 threaded holes on the back for fixing



- Single axis/double axis level and slope meter, gyro technique can measure the angle between two planes in any direction
- Hard plastic case, with V-shaped grooves, four magnetic sides
- Display flips over when the bottom faces up
- Audible alarm when out of limit
- Buttons: POWER, ZERO, HOLD, display unit (°, mm/m, %), MENU
- Rechargeable Li-ion battery 3.7V, operation time is 40 hours
- Automatic power off in 30 minutes
- Data output
- Android and iPhone APP are included
- Optional accessory: wired data transmission (code **2199-A01**), bluetooth (code **2199-A02**), transmission distance is 10 meters (under the condition of no obstruction and no electromagnetic interference)

measurement of angle between two planes in any direction (gyro technique)



Code	Range	Resolution	Accuracy
2199-1	single axis level: $4 \times 90^\circ$ dual axis level: $\pm 40^\circ$	0.01°	at 0° and 20°: $\pm 0.08^\circ$ at 20° and 70°: $\pm 0.15^\circ$ at 70° and 90°: $\pm 0.08^\circ$
	gyro angle meter: 360°	0.1°	$\pm 0.5^\circ$

To be continued

Continued from previous page



bluetooth (optional)



wired data transmission (optional)



connect to computer via wired data transmission



connect to mobile phone via bluetooth

Android and iPhone APP (included), can choose real-time display (continuous transmission) or single transmission

Dual axis mode

select continuous or single transmission mode and set tolerance

bubble

real-time data (display in green when within tolerance and display in red when out of tolerance)

$x=0.59$ $y=-29.86$

send data

clear data

graph

Time	X Value	Y Value	Unit	Alarm
01-19 15:55:01	0.59	-29.86	*	LowMin
01-19 15:54:59	-3.49	-18.28	*	None
01-19 15:54:47	-6.16	-26.90	*	LowMin
01-19 15:54:46	30.22	-12.89	*	None

Single axis mode

single axis and dual axis automatic switching

71.02

single transmission

Time	Value	Unit	Alarm
01-19 15:54:51	71.02	*	UpMax
01-19 15:54:49	71.04	*	UpMax
01-19 15:54:48	71.35	*	UpMax
01-19 15:54:43	81.91	*	None

green background (within tolerance)
red background (out of tolerance)

DIGITAL LEVEL AND SLOPE METER

ABSOLUTE LEVEL

BACKLIGHT

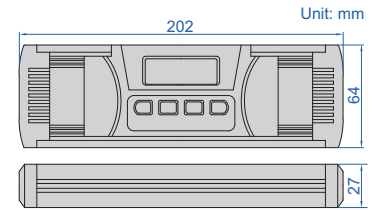
BUZZER ALARM AT 0° AND 90°

WORKING TEMPERATURE -5°C~50°C

IP67
WATERPROOF

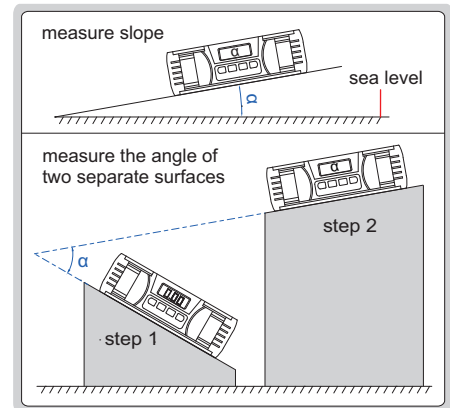


2175-360



- IP67 dust/waterproof
- Used as level and slope meter
- Aluminum frame, shock absorbing rubber end caps
- Magnetic bottom with V-groove for shafts
- The sea level is permanently set inside the chip, zero setting is not needed when batteries are replaced
- Buttons: ON/OFF, backlight/buzzer alarm, absolute and incremental measurement, unit (mm/m, %, °), HOLD (keep the reading)
- Three AAA batteries, automatic power off

Code	Range	Resolution	Accuracy
2175-360	0-360° (90°×4)	0.05°; 1mm/m	at 0°: ±0.05°; at others: ±0.1°



DIGITAL LEVEL AND SLOPE METER

ABSOLUTE LEVEL

BACKLIGHT

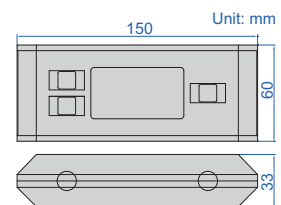
BUZZER ALARM AT 0° AND 90°

WORKING TEMPERATURE -5°C~50°C

IP54
WATERPROOF

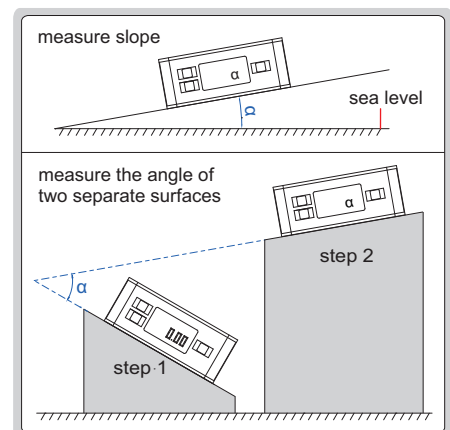


2179-360



- IP54 dust/waterproof
- Used as level and slope meter
- Aluminum frame
- Magnetic bottom with V-groove for shafts
- The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- Buttons: ON/OFF, absolute and incremental measurement, keep the reading, buzzer alarm, unit (mm/m, %, in/ft), conversion, backlight
- Two AAA batteries, automatic power off

Code	Range	Resolution	Accuracy
2179-360	0-360° (90°×4)	0.05°; 1mm/m; 0.125in/ft	at 0° and 90°: ±0.1°; at others: ±0.2°



BACKLIGHT

MAGNETIC
BOTTOM

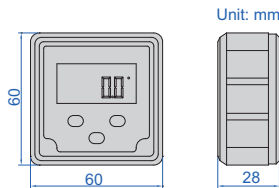
DISPLAY FLIPS OVER WHEN
THE BOTTOM FACES UP

WORKING TEMPERATURE
-5°C~50°C

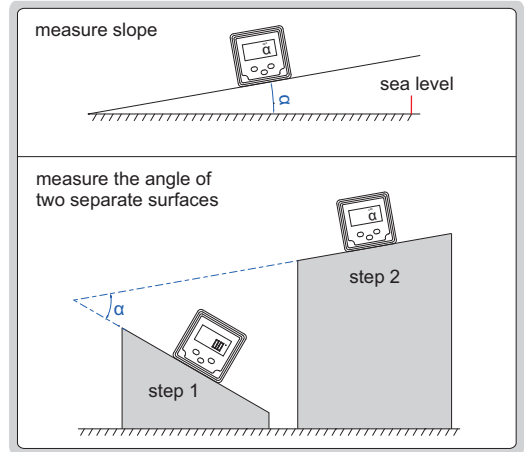
ABSOLUTE
LEVEL



2198-2

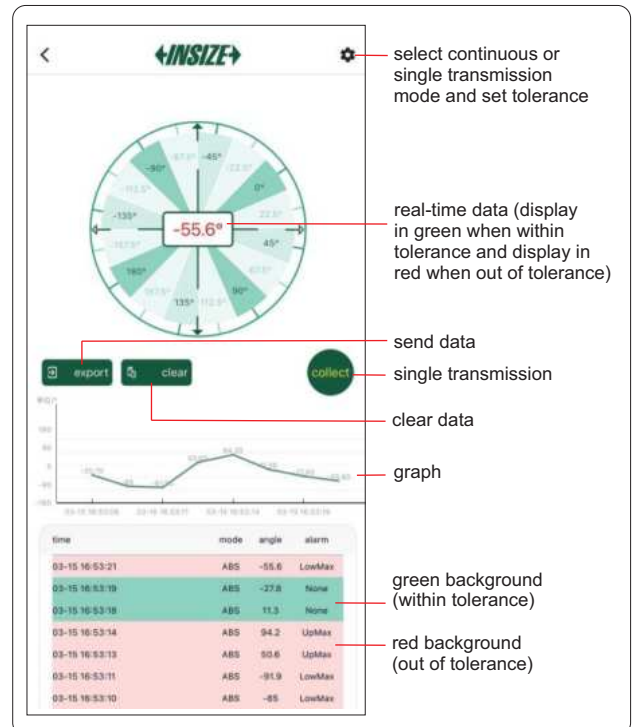


BLUETOOTH DIGITAL LEVEL AND SLOPE METER



Android and iPhone APP (included), can choose real-time display (continuous transmission) or single transmission

- Used as level and slope meter
- Aluminum frame
- Magnetic bottom
- The display flips over when the bottom faces up
- The backlight is on automatically when in use, and automatically off in 15 seconds after use
- The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- Buttons: ON/OFF, ZERO, HOLD, absolute and incremental measurement
- Built-in bluetooth, transmission distance is 15 meters (under the condition of no obstruction and no electromagnetic interference). Android and iPhone APP are included
- One AAA battery, automatic power off in 5 minutes



Code	Range	Resolution	Accuracy
2198-2	4x90°	0.1° (=1.745mm/m)	at 0° and 90°: ±0.1°; at others: ±0.2°

DIGITAL LEVEL AND SLOPE METER

MAGNETIC BOTTOM

WORKING TEMPERATURE
-5°C~50°C

BACKLIGHT

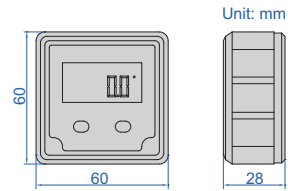
DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP

ABSOLUTE LEVEL

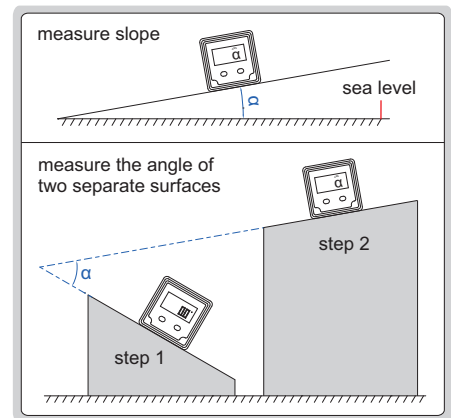
POPULAR MODEL



2170-1



- Used as level and slope meter
- Aluminum frame
- Magnetic bottom
- The display flips over when the bottom faces up
- The backlight is on automatically when in use, and automatically off in 15 seconds after use
- The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- Buttons: ON/OFF, ZERO, absolute and incremental measurement
- One AAA battery, automatic power off in 5 minutes



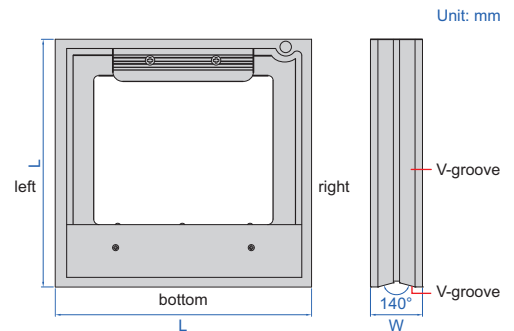
Code	Range	Resolution	Accuracy
2170-1	4x90°	0.1° (=1.745mm/m)	at 0° and 90°: ±0.1°; at others: ±0.2°

FRAME LEVELS



4902-200

- V-groove on bottom and left for shafts (shafts dia. 15~68mm)
- With transverse vial



Code		Size (L×L)	W
Sensitivity 0.02mm/m (=0.001°)	Sensitivity 0.05mm/m (=0.0029°)		
4902-150	4902-C150	150x150mm	40mm
4902-200	4902-C200	200x200mm	40mm
4902-300	4902-C300	300x300mm	45mm

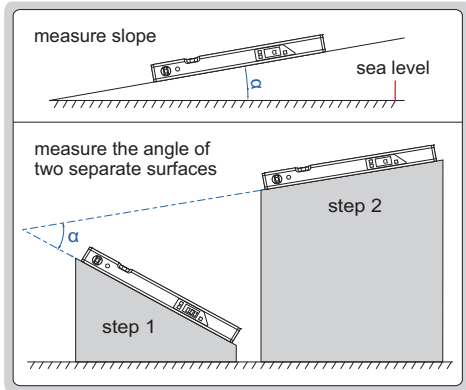


ABSOLUTE LEVEL

BACKLIGHT

WORKING TEMPERATURE
0°C~50°C

DIGITAL LEVELS AND SLOPE METERS



both angle and slope are displayed

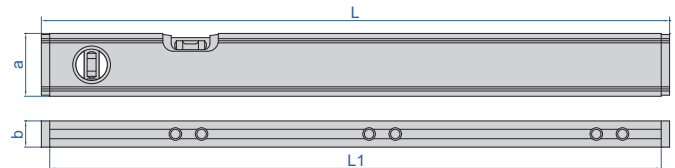


4910-400



4910-600

- With transverse and longitudinal vials
- Used as level and slope meter
- Aluminum frame, magnetic bottom
- The sea level is permanently set inside the chip, zero setting is not needed when batteries are replaced
- Buttons: ON/OFF, absolute and incremental measurement, keep the reading, buzzer alarm (not for 4910-400), unit (mm/m, %, in/ft), conversion (not for 4910-400), backlight
- The display flips over when the bottom faces up
- Two AAA batteries
- Automatic power off



(mm)

Code	Range	Resolution	Accuracy	Remark*	L	L1	a	b
4910-400	0~360° (90°×4)	angle: 0.1°	±0.2°	both angle and slope are displayed (slope is calculated by angle)	416	400	50	21
4910-600	0~360° (90°×4)	at 0° and 90°: 0.05° ; at others: 0.1°	at 0° and 90°: ±0.1° ; at others: ±0.2°	at 0° and 90° buzzer alarm	600	585	60	25

* mm/m=tan(°)×1000, for example: 0.3°=tan (0.3)×1000=5mm/m

LIFETIME WARRANTY VIALS

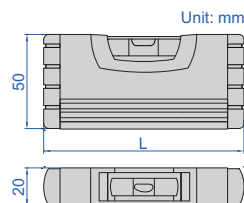
MAGNETIC BASE

HANDY LEVEL

- Shockproof vials
- Magnetic base
- Shock absorbing rubber end caps
- Working temperature: -15°C~55°C



4912-100



magnetic base surface



packaging



Code	Size (L)	Accuracy
4912-100	100mm	0.5mm/m