

# Instructions

## MS6



**measure®**  
measure.hk

## Laser Measure

Solution Specialist



Umeasure Intelligence  
for measure

## About MS6 Distance Meter

Umeasure improves measurement smartly.

Umeasure, the first intelligent touch screen mini laser distance meter has mini body and leading functions.

### Features

- **Precise Measure** : Accuracy is  $\pm 1.5\text{mm}$ ;
- **Range: 40m/60m/80m/100m.**
- **Light Instrument:**

Whole instrument width 80mm and thickness 22mm so it can be packed in any pocket.

- **Multiple Functions:**

Professional functions, excellent operation with 8 modes to meet people's needs on different occasions.

- **Technology:**

Mini patent laser sensor module, Aluminum Alloy crust; HD VA screen; high-capacity lithium battery.

- **Intelligence:**

Connect with our APP software via Bluetooth, visualized record measure data which give users special operation.

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## SPECIFICATIONS

MS6

### MS6 Specifications

Model	MS6
Laser type	620nm-690, < 1MW
Accuracy	±1.5mm
Range	40/60/80/100m
Screen type	HD AV touch screen
Historical data review	20 groups
Unit	m/in/ft/'/'
Inner Battery	350Mah lithium rechargeable battery, 6000 measurements after full charge;
Charging time	About two hours
Measurement	80x31x22mm
Net weight	64g
Water-proof grade	IP54
Instrument	Metirial
Storage temperature	-10°~50°
Working temperature	0°~40°
Auto Shut-down	180 Second

## SCREEN

MS6

Smart touch screen with multifunctional use

※Orange area is touching area

(Touching area)

Back

Inch+fraction

Unit

Y Axis Level

Battery

Bluetooth

(Touching area)

Main key

X Axis Level

Measuring reference

Historical data

Timing set

(Touching area)

Function set

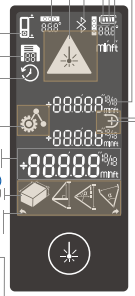
The Measuring Final Result

(Touching area)

Change Measuring Mode by Touching



Slide left and right to switch function

Add/Subtract

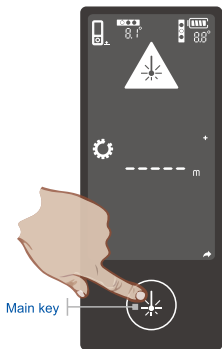


## SWITCH ON/OFF

MS6






- Switch on: Press main key  for 1.5s, after laser on, aim at target and press the key again, you can get the result.
- Switch off: It will shut down after Press main key  for 1.5s

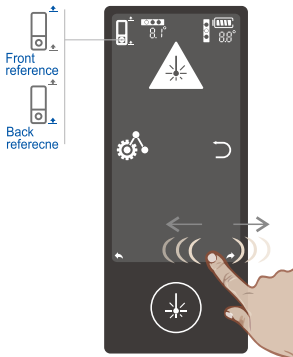
※Switch off: It will shut down automatically after 180s without any operation.



## MEASURING REFERENCE SET






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- 1 Click setting button  to chose references ( choosed one will shine  )
- 2 Slide left and right   to chose front reference and back reference.
- 3 Press back  means finishing setting and back to main screen.



## UNIT






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- 1 Press  button three times, then press the unit display button  (chosen mode will shine to remind),
- 2 slide left and right   on the screen bottom and review all records of different units. There are three units: Meter, Inch, Feet).
- 3 Press enter key  back to main interface.



## HISTORICAL DATA







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- 1 Press the setting button  twice, choose the historical data  (chosen mode will shine to remind),
- 2 Slide left and right   on the screen bottom to review the late 20 records (shown on the main screen line).
- 3 Press enter key  back to main interface.

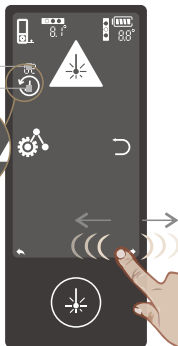


## TIMING MEASURING DURATION

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- 1 Press the main key  four times, and slide left and right   on the screen bottom, then choose time measuring mode .
- 2 Slide left and right   on the screen bottom again, there will be several available duration: 02s / 05s / 30s / 0F.
- 3 Press enter key  back to main interface.

Timing measuring duration  
Timing measuring set



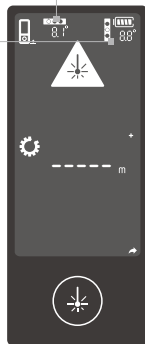
## AUTO DIGITAL LEVELING

MS6

With double digital leveling functions (horizontal & vertical) and real-time angle measurement, measuring results will be more intuitive and more accurate.

Digital Leveling  
(horizontal/ X-axis)

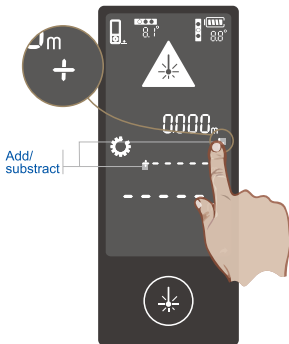
Digital Leveling  
(Vertical/Y-axis)



## ADD / SUBTRACT




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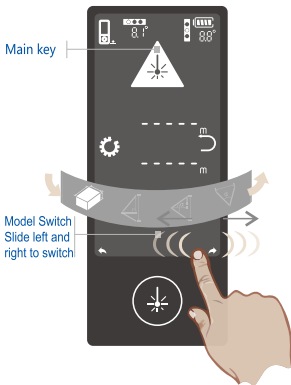
- 1 In the single measuring mode, area measuring mode and volume measuring mode, press **+**, the assistant second line will show add / subtract mode. subtract button, the assistant second line will show add / subtract mode. button, the assistant second line will show add / subtract mode.



## MODEL CHANGE

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- 1 Sliding left and right   on the screen bottom can switch the mode.
- 2 The chosen mode will shine to remind. Pressing the main key  or touching main key starts to measure.




## SINGLE MEASUREMENTS

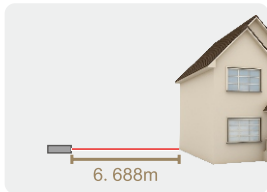
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- 1 When switched on, the laser distance meter will enter the default setting – single measuring mode.

Aim at the target and press the main key , the measuring result will be shown on the main screen line.




---m  
---m  
**6.688<sub>m</sub>**





## AREA MEASURING

MS6

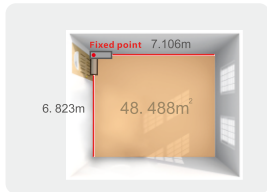


Slide left and right   on the screen bottom, then choose the area pattern .

- 1 Press the main key  as indicated, get the result of first side;
- 2 Press the main key  as indicated again, get the result of second side.

The final results will be shown on the main screen line.

7.106<sub>m</sub>  
6.823<sub>m</sub>  
**48.484<sub>m</sub><sup>2</sup>**





# VULOM MEASURING

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Slide left and right on the screen bottom, then choose the volume pattern .

- 1 Press the main key as indicated, get the first result of height,
- 2 Second result of width, the last the result of depth.
- 3 The final volume measuring result will be shown on the main screen line.

2.823<sub>m</sub>  
3.806<sub>m</sub>  
24.776<sup>3</sup><sub>m</sub>



# SINGLE USE PYTHAGORAS

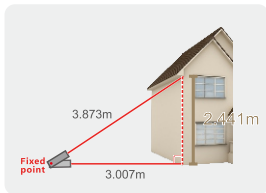
MS6



Slide left and right on the screen bottom, then choose the single use Pythagoras .

- 1 Find a fixed point, press the main key as indicated, get the slope length first;
- 2 then change the direction at the previous fixed point and press the main key to get length of second side. Final result will be shown on the main screen line.

3.873<sub>m</sub>  
3.007<sub>m</sub>  
2.441<sub>m</sub>



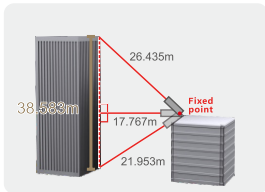
## DOUBLE USE PYTHAGORAS MS6



Slide left and right on the screen bottom, then choose Double Use Pythagoras .

- 1 Find a fixed point, aim at first target point and press main key as indicated to get the result of the first slope length;
- 2 Change the direction at the previous fixed point, measure out the horizontal length (the second side result) by pressing main key ;
- 3 Change the direction at the previous fixed point, measure out another slope length by pressing main key . The final result will be shown on the main screen line.

26.435<sub>m</sub>  
17.767<sub>m</sub>  
**38.583<sub>m</sub>**



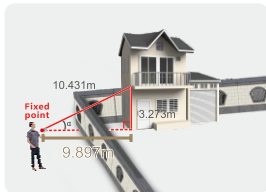
## SELF-LEVELING MODEL MS6



Slide left and right on the screen bottom and choose the self-leveling mode .

- 1 Press the main button as the direction reminder indicates, you can get the length of hypotenuse, vertical and horizontal side shown on the screen accordingly.

10.430<sub>m</sub>  
3.273<sub>m</sub>  
**9.897<sub>m</sub>**





# AUTO VERTICAL MEASURING

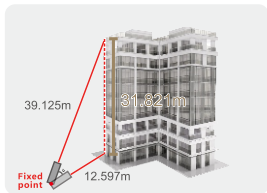
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Slide left and right on the screen bottom and choose the vertical measuring mode .

- 1 Press the main key  as indicated and get result of first side,
- 2 Then press main key  to get the result of second side, then the vertical side result will be shown on the main screen line.

39.125<sub>m</sub>  
 12.597<sub>m</sub>  
 31.821<sub>m</sub>





# MEASURING DISTANCE BETWEEN TWO POINTS

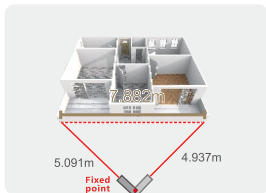
MS6



Slide left and right on screen bottom to choose the mode .

- 1 press the main key  as indicated and get result of first side,
- 1 Then press main key  to get the result of second side, the result will be shown on main screen line.

5.091<sub>m</sub>  
 4.937<sub>m</sub>  
 7.882<sub>m</sub>



µMeasure Laser Products implement 1-year replacement policy

## 1、Warranty period :

1.1 Under normal operating conditions, within 1 years from the date of purchase, MS6 laser distance meter guaranteed all failures related to quality issues can be repaired for free.

## 2、Within the warranty period, the following situation is out of warranty scope and could be repaired with charge :

- 2.1 The product is damaged due to improper use, maintenance and storage.
- 2.2 Disassembled or repaired by customer or a 3rd party;
- 2.3 Without warranty card or purchase invoice;
- 2.4 The warranty card No. is altered or inconsistent with the product No.;
- 2.5 Damage caused by force majeure;
- 2.6 Normally worn parts need to be replaced;
- 2.7 Loss or damage due to abnormal factors such as temperature/humidity in extreme environment;
- 2.8 Damage caused by failure to operate as required.

**3、When the instrument needs to repair, please send it to your local dealer, and provide an effective warranty card and the original invoice for your purchase. The warranty card can not be reissued if lost, please keep it properly.**

## Warranty Card

Model		SN	
Invoice No.			
User Info			
Purchase Date			Warranty Period
Day      Month      Year			
Dealer	Dealer Name, Address, Contact		
Fault Description			

In order to use this hand-held laser distance meter safely, be sure to read all instructions below carefully.

### Warning :

a. This product belongs to the Class-II laser product. When using it, do not look directly at the laser or aim the laser beam at another person. Do not look at the laser beam through the optical lens. Otherwise it will do harm to the eyes.

b. This product strictly meets relative standards and regulations, but it cannot completely rule out the possibility of product interference with other equipment and may cause discomfort to humans and animals.

**Do not use this product in an explosive or corrosive environment. Do not use this product near medical equipment.**

### 1 Waste disposal:

Everyone has a responsibility to protect our environment!

It is forbidden to dispose of used batteries together with household garbage. Please dispose of used batteries at a designated garbage collection point.

This product cannot be recycled together with household waste. Please dispose of this product in accordance with national and regional regulations.

### 2 Limitation of Liability:

Zhuhai Measure Science and Technology co., LTD will not be liable for any loss caused by failure to use the instrument in accordance with this manual, use of third-party accessories or self modification of this instrument.



Measure Website



Measure product service No.

## ERROR CODE DESCRIPTION

MS6

All error information is displayed in code.  
The following contents list the codes and  
the corresponding solutions!

Code	Cause	Solution
204	Miscalculation	Try again according to user manual
208	High temperature	Working temperature should be between 0°~40°C
220	Low battery	Please change battery
253	Low temperature	Please warm up the instrument
255	Reflected signal too weak/ Measuring time too long	Improve reflecting surface/Use a target board or white paper.
256	Reflected signal too strong	Use a target board, or not aim at the strong light.



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