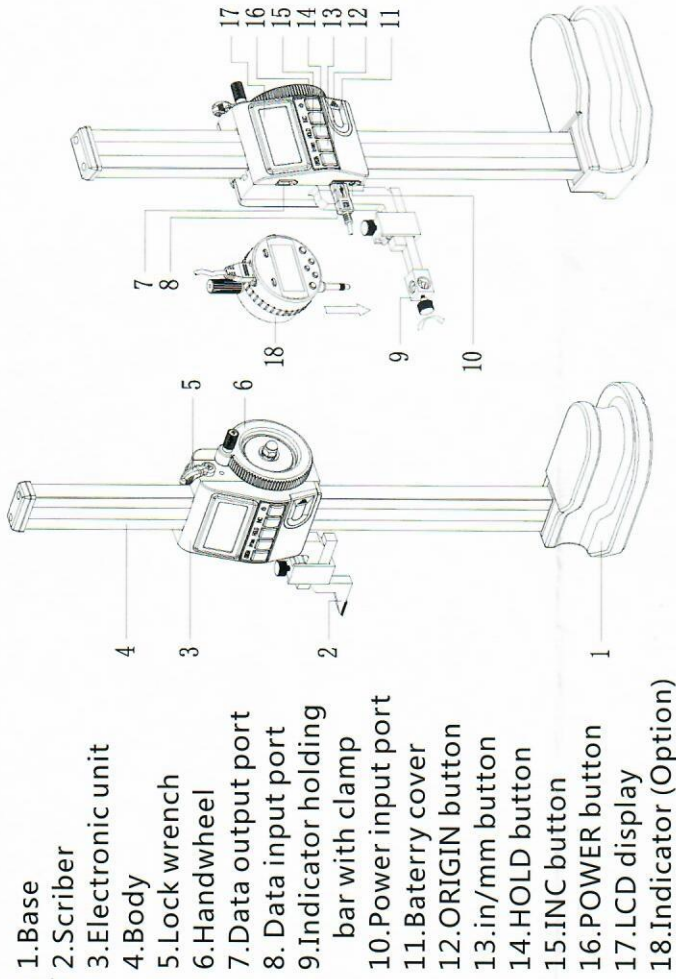


## Heavy electronic high gage instruction



1. Base
2. Scribe
3. Electronic unit
4. Body
5. Lock wrench
6. Handwheel
7. Data output port
8. Data input port
9. Indicator holding bar with clamp
10. Power input port
11. Battery cover
12. ORIGIN button
13. in/mm button
14. HOLD button
15. INC button
16. POWER button
17. LCD display
18. Indicator (Option)

## Main technical index

- Measurement range: 0~300mm/0~12" or 0~600mm/0~24"
- Resolution: 0.01mm; 0.0005"
- Indication accuracy: 0~300mm/0~12" = 0.03mm/0.001"  
0~600mm/0~24" = 0.05mm/0.002"
- Working temperature: 0~40°C
- Storage and transport temperature: -20~70°C
- Surrounding humidity: relative humidity ≤ 80%

## Feature

- 1 Use absolute measuring system
- 2 No measuring speed limited
- 3 Large and easy read LCD display
- 4 SPC data output to office software without another interface program
- 5 External digital DAA input function, without the need for repeated on the dial "0", achieve rapid detection
- 6 External power input port

## Button function

- 1 POWER button: turn on/off the power
- 2 INC button: increment/absolute mode conversion
- 3 HOLD button: lock/unlock the digital on the display
- 4 in/mm button: inch/metric unit conversion
- 5 ORIGIN button: press the button and keep approx 3 seconds, to set the current position for the measuring origin

## Power

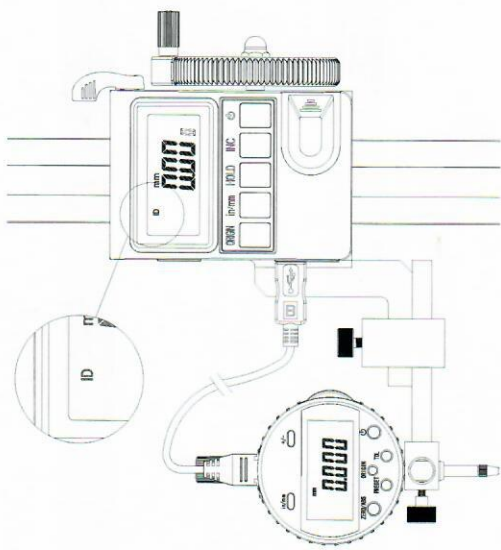
- 1 Battery type: CR2032/DC3V
- 2 External power:  DC5V 300mA

## The measuring reference setting

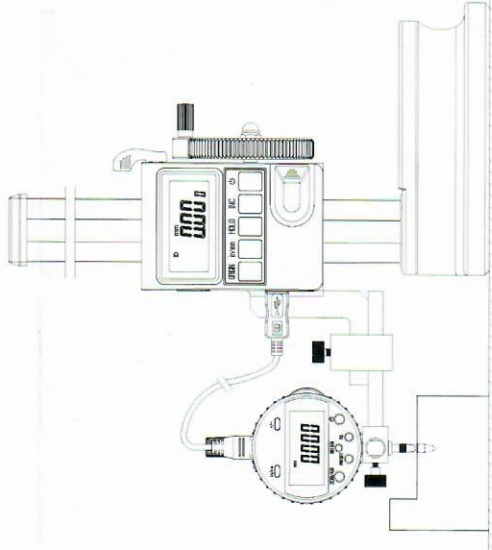
- 1 Clean the base and scribe before use
- 2 Unlock the lock wrench
- 3 Rotate the handwheel to move electronic unit down, let the measuring scribe contact the basic plane carefully, press ORIGIN button or INC button until the display shows " 0.00 "

## Data input function

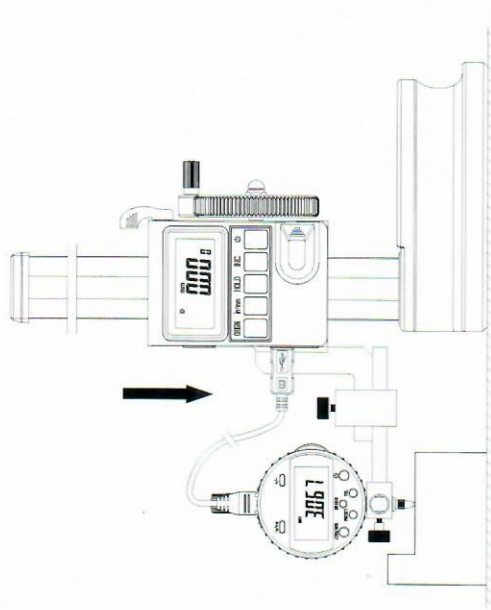
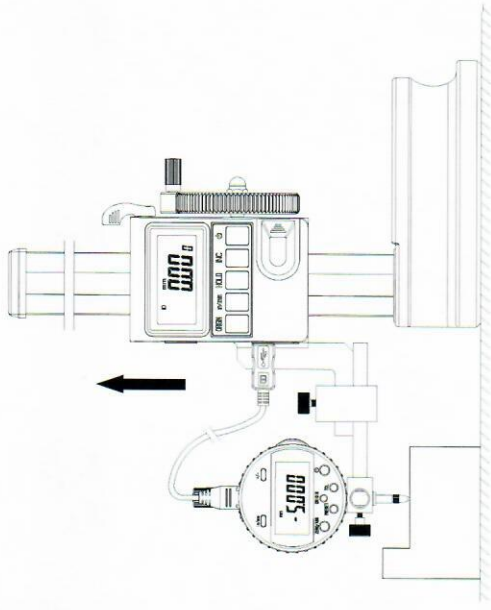
- 1 Remove the scribe, install the clamp in the position of the scribe
- 2 Install the indicator into the hole (Φ8mm or Φ3/8" ) of the clamp and lock it
- 3 Connect the indicator and electronic unit by cable, electronic unit will collect the indicator data automatically, if the connecting is successful, electronic unit will show "ID" symbol. If a micrometer indicator is installed, electronic unit display will be turned into to micrometer automatically, but the micrometer digital is used as a symbol only, not as a measuring basic



4 Move the electronic unit down, let the indicator anvil touches the measuring plane and keep a trip of the indicator rod , then set zero for electronic unit and indicator



At this point ,no matter electronic unit moves up or down in the measuring range of the indicator,the data of the current position will be showed on the electronic unit display



### Note

- 1 Keep the tool clean and avoid shocks or accuracy may be affected
- 2 Move the tool by the base, not the body
- 3 Lower the electronic unit when not in use , but not lower than the bottom of the base if the tool will not be used some time, remove the scribe and apply a light coat of oil on all the surfaces
- 4 Keep away from strong magnetic fields
- 5 Prevent water or other liquids from entering the electronic unit