



DIGITAL INCLINOMETER

NF-566/566S Digital inclinometer



Shenzhen Noyafa Electronic Co., LTD

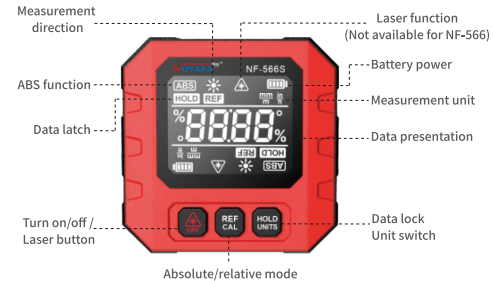
I. APPLICATION

NF-566/566S inclinometer has become an indispensable and important measuring tool in the fields of bridge, railway paving, civil engineering, construction, decoration, industrial automation, intelligent platform, machining and so on.

II. FUNCTIONAL CHARACTERISTICS

- 1.The design appearance is atmospheric and integrated, and the color is prominent.
2. Button operation is convenient. Three buttons have clear functions, and there are up to 6 combinations of long press and short press functions.
- 3.NF-566S with laser horizontal line, can be more obvious to highlight the reference
- 4.NF-566S with charging function, TYPE-C charging convenient and simple.

III. FUNCTION BUTTON



IV. OPERATION MODE

Turn on : Turn off state, long press OFF to turn on.
Turn off : Turn on state, long press OFF to turn off.

1. LASER SWITCHING ON AND OFF (NF-566S ONLY)

After the product is turned on, press OFF to turn on the left light, press OFF again to turn on the right light, press OFF again to turn on both sides of the laser, press OFF again to turn off both sides of the laser at the same time.

2. ANGLE MEASUREMENT

In the power-on state, the product is placed on the inclined plane, and the parameter displayed on the screen is the Angle between the front plane and the horizontal plane.

3. REF RELATIVE MODE

To use product measurement, press REF to enter relative value mode (set the current value to 0), and press REF again to exit the mode.

4. DATA LOCK

Using product measurement, press HOLD button to lock the current measurement data. Tap again to cancel the data lock.

5. SWITCH UNITS

Long press the UNITS button to switch units, The default unit is the degree(°), you can switch units %, mm/m.

6. CHARGING (NF-566S ONLY)

When the battery power icon in the upper right corner of the product shows that the battery power is low and empty, please plug in the wire to charge the product.

Description of parameters

Parameters	Technical indicators	
Model number	NF-566	NF-566S
Laser scanning	No laser scanning	Bidirectional laser scanning
Power supply	2*AAA batteries	3.7V 390mAh lithium battery
Power supply	Charging without power source	USB Type-C
User interface	VA screen with backlight	
Type of sensor	Six axis sensor	
Magnetic force seat	Five sides are magnetic	
Outer frame material	Aluminum alloy	
Measurement range	4°90°	
Accuracy	±0.2°	
Resolution	0.02	
Ambient temperature	0°C-50°C(Controller only)	
Measurement	Zero point measurement based on horizontal plane	
Dimensions	60°60°30mm	
Relative/absolute Angle measurement	√	
Angle locking function	√	
Low battery reminder	√	
Automatic shutdown	30 min	

NOTES:

1. Do not use organic solvent to clean the precision equipment, keep it away from water and corrosion.
2. Do not damage the working surface of the machine, get rid of any dirt and clean it with a soft cloth to maintain its accuracy.
3. In the process of use, if you do not operate the button of the machine, it will automatically shut down to save electricity.
4. When the battery is too low, please replace the battery in time to avoid these problems:the screen display become dark,the screen is muddled ect.
5. When using the product, please keep it upright. If the tilting angle is too large, it will affect the measurement accuracy.(NF-566)

设计	品名	样式	印刷要求
CZG	NF-566/NF-566S说明书第2页-20220613	2折页	彩色
日期	品号	页码	
2023.06.13		无	
样品	尺寸	材质	
	140×90mm	128g铜版纸	
变更记录	V2版V1版本增加了两句话注意事项		