

CLINO-PRO
Digital Display Inclinator
PG-018-30



Precision

Precision Measuring Instruments Co.

Telefax : 91-22-6634 0920 Cell : 91-0-98701 88718

E-mail : chirag_pmico@hotmail.com / chiragpmico@gmail.com

Website : www.pmicoindia.co.in

NSIC
Registered Firm

Product Description

PG-018-30 is a digital display inclinometer which took PMICO company three years to develop professional for various industry angle controlling and measuring. The core of this product is using the micro-mechanical control principle, dual-core measurement unit, can use the Y-axis to compensate X-axis during the measurement process, and then to use PMICO patent interleaved and temperature compensation model algorithm to play absolute operation advantages of the micro-mechanical electronic principles, to ensure that the instruments measurement with the long-term stability and repeatability. PG-018-30 is a single axis 90deg measurement, resolution 0.001° the highest accuracy <0.005 degree full scale, fast response, stable data, products specially designed for the sides and bottom with magnetic adsorption installation, both sides of the benchmark can be measured and using normally, very convenient to use, In addition, supporting the selection of PG-018-30 (SMI018) with the use of separate measurement, used in combination with the Division HCA series tilt sensor, the transmission mode wireless or wired optional, wireless using one-to-one band transmission, transmission straight line distance > 10m, the cable transmission standard 1 meter (can be customized long distance), PG-018-30 series has strong scalability, convenient & practical application and industrial reliability, has absolute cost advantage and has an absolute competitive advantage in the international market!



In addition, supporting the selection of PG-018-30 (SMI018) with the use of separate measurement, used in combination with the Division HCA series tilt sensor, the transmission mode wireless or wired optional, wireless using one-to-one band transmission, transmission straight line distance > 10m, the cable transmission standard 1 meter (can be customized long distance), PG-018-30 series has strong scalability, convenient & practical application and industrial reliability, has absolute cost advantage and has an absolute competitive advantage in the international market!

Key Features

- ★ Best accuracy <0.005°
- ★ Angle resolution 0.001°
- ★ User can set the alarm value by himself
- ★ Absolute/Relative measurement can switch
- ★ Double benchmark strong magnet installation
- ★ Auto-angle interleaved compensation function
- ★ User can calibrate ZERO by himself
- ★ Night vision fours colors screen
- ★ °/mm/m Dual units switch function
- ★ Repeatability 0.003°
- ★ Maximum measuring range ±90°
- ★ Data store function
- ★ Both sides and bottom can measure
- ★ Working Temperature -10° - +70 °C
- ★ Auto temperature drift compensation
- ★ Built-in rechargeable industry batteries
- ★ IP54 protection class
- ★ Filter frequency optional

Application

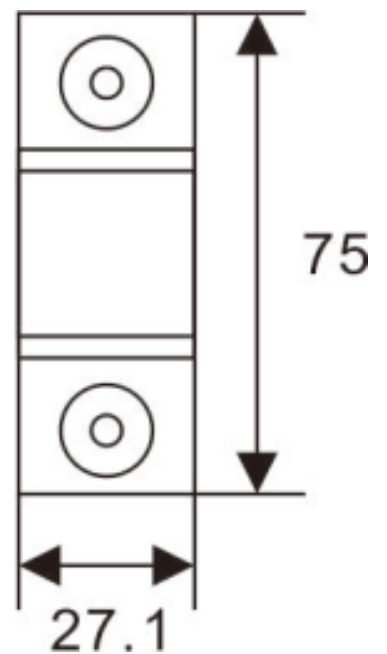
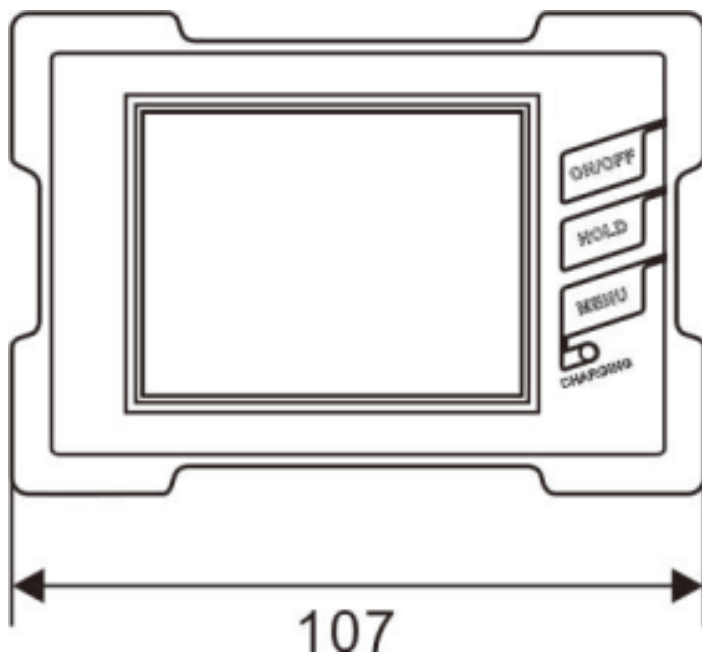
- ★ Building construction
- ★ Road slope
- ★ Piping installation
- ★ Turntable testing
- ★ Production jig
- ★ Aviation Industries
- ★ Power Plant
- ★ Railways
- ★ Automobile four-wheel testing
- ★ Machinery installation
- ★ Industrial platform
- ★ Pan unit angle detection
- ★ Medical instruments
- ★ DRDO
- ★ Atomic Energy Centre





Product Functions

- ON/OFF** : Press for 3 seconds to turn on or off;
- HOLD** : This key can lock the current data to facilitate customer records;
- MENU** : Press the MENU button and the menu disappears, press again to appear;
- Reset hole** : If the instrument crashes during work and the buttons cannot be operated, press the reset hole;
- USB jack** : used for charging and USB1.1 output data;
- Charging light** : charging indicator, the light is on, charging, the light is off, it is full. (To ensure the service life of the battery, please do not use it while charging)



Dimension : L107*W75*H27.1mm

Technical Data

	PARAMETERS		UNIT
	PG-018-30 ±15°	PG-018-30 ±30°	
Angle Measuring range	PG-018-30 ±15°	PG-018-30 ±30°	°
MM measuring range	267	577	mm
Measuring axis	Single axis	Single axis	Axis
The highest accuracy	<0.005 (full range)	<0.01 (full range)	°(RMS)
Angle resolution	0.001	0.001	°
Repeatability	0.003	0.003	°
MM accuracy	0.1	0.2	mm (RMS)
3 kinds of measure mode	Angle, ° ‘ ‘, mm/m, switchable		\
MM resolution	0.02		mm
LCD	64 true colors night vision display screen		\
LCD visible area size	L57.6*W43.2		mm
Working temperature	-10° - +70 °C		°/°C
Working humidity	85		% RH
Power supply	3.7V rechargeable Li battery		V
Ideal charging time	5		??
Battery continuous working time	11		??
Data output signal	USB1.1 (Virtual serial device)		\
Equipped with PC software	VC application software		\
Adaptor	Standard USB connector with charging function		\
Shock resistance	10g@11ms		g
Impact resistance	10gm, 10-100Hz		g
Weight	300		g
Waterproof grade	IP54		\
Material	Aluminum anodizing		\
Size	L107*W75*H27.1mm		mm



Precision Measuring Instruments Co.
 Anand Deep CHS. Flat # 401, 4th Floor,
 Opp. Date Mangal Karyalay,
 Dombivli (E) - 421 201, Dist-Thane

Telefax : 91-22-6634 0920
 Cell : 91-0-98701 88718
 E-mail : chirag_pmico@hotmail.com
 chiragpmico@gmail.com
 Website : www.pmicoindia.co.in