

Digital Screw Cap Tester



Description:

Screw-Cap Tester is an intelligent Metrological instrument that designed for detecting and calibrating the torsion of various caps. Installation of clamps is easy, rapid and its max diameter can reach 200mm. You can connect it to PC by USB output and transmit data for analysis and printing.

Features:

- High accuracy, High resolution and High sample rate.
- Set the upper and lower deviation value freedom, sound alarm and automatically level signal output.
- Test direction display (clockwise" + ", counterclockwise" - ")
- Sections of liquid crystal display, green backlight panel.
- Store 99 groups of test data, and automatically calculating the average of the data is stored, the maximum and the minimum.
- N.m、kgf.cm、 lbf.in Converting three units (N.m, Kgf.cm, lbf.in) automatically.
- Catching the peak value in test, showing it on display for 0-99 seconds, then releasing the value and being ready for the next peak.
- Gravitational acceleration value can be set.
- Power off time (0-99 minutes) can be set by yourself.
- Using external intelligent charger can charge the battery safety, extend battery life.
- Serial output (baud rate, 9600), can print the test data and the maximum, minimum.
- Average connection PC for real-time data can be read, storage, analysis, printing and other operations.

Technical Specification:

TYPE / MODEL	HP-10	HP-20	HP-50	HP-100	HP-250
CAPACITY	1 N.m	2 N.m	5 N.m	10 N.m	25 N.m
	10 kgf.cm	20 kgf.cm	50 kgf.cm	100 kgf.cm	250 kgf.cm
	9 lbf.in	18 lbf.in	45 lbf.in	90 lbf.in	180 lbf.in
RESOLUTION	0.0005N.m	0.001N.m	0.002N.m	0.005N.m	0.01N.m
ACCURACY	±0.5%				±1%
POWER SUPPLY	DC 12V 1.5A, 9V rechargeable battery				
DIMENSION	230 x 50 x 120mm				
WEIGHT	2Kg				
PACKAGE INCLUDED	Main Unit, Screw Cap Gripping Attachment, DC 12V power supply, Carrying Case, Screwdriver & Manufacturer Inspection Certificate.				

