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Dongguan Hust Tony Instruments Co.,Ltd

东莞华科东尼仪器有限公司

Addr: No. 1 Tech 9 Road, High - New Tech Development Zone, Songshan Lake, Dongguan City 523808, China

Tel: 86-769-23010657

Fax: 86-769-23010667

Email: Addams@tonyhk.hk

Imada Digital Push Pull Gauge DST-1000N

FORCE MEASUREMENT
IMADA

Digital Push Pull Gauge DST-1000N
Maximum measuring range: 1000N/100kgf



Resolution: 1N
Accuracy error: ±0.2%
Unit of measurement: KGF/LB/N
Three units convertible
Output: RS232/USB two output ports



Imada Digital Push Pull Gauge DST-1000N is a small and simple thrust and tensile force testing instrument. It is suitable for push and pull load test in electronic appliances, light industry and textile, hardware, lighter and ignition device, fire fighting equipment, manufacturing, fishing gear, power machinery, scientific research institutions and other industries. It is a new generation of products that replace tubular push-pull force meters.

All tools are original and genuine, fake one penalty ten, provide warranty service, please buy with confidence.

Features:

1. High precision and high resolution

The accuracy is better than 0.2 level (that is, 0.2% F.S plus or minus 1 digit; the smallest reading reaches 0.001N

2. Peak hold function

The peak value (maximum value) during the test can be captured

3. Compare function

The upper limit and lower limit can be set, and the screen will prompt the user to exceed the set range. The results of comparison and judgment can be seen intuitively, and it is not easy to make mistakes.

4. Simple conversion between three commonly used international mechanical units

Quick conversion among three measurement units of N, kgf, Ib

5. Sampling speed



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The sampling speed of the instrument can reach 1000 times/second

6. Automatic shutdown function/non-automatic shutdown function

The instrument will automatically shut down if it is not used for a long time; when you need to test for a long time, you only need to easily plug in the dedicated Imada line power supply, and the host will remain on, and the operation is very simple

7. The panel adopts the environmental protection nameplate, the color matching design is reasonable, and the key adopts the high-grade environmental protection key, which is comfortable to touch, flexible in response and durable (up to 100 million times of key life)

8. Aluminum alloy shell, according to ergonomic design, easy to hold the test and fixed on the test bench test, aluminum alloy shell has strong anti-radio interference ability, to ensure that the measured data is true, reliable and stable, effectively ensure the quality of the product

9. The products are also exported to Europe, North America, East Asia, South Asia and the Middle East, and have received welcome and praise from users and dealers in the market

10. Users include: electronic appliances, wires and cables, hardware electromechanical, aviation, electric power, electromagnetic machinery, auto parts, power mechanisms, viscose chemicals, coal, building doors and windows, furniture, plastics, spring manufacturing, medical equipment, fire equipment, elevators, printing machine manufacturing, textiles, zipper buttons, locks, pens, fishing gear.

Model list

Model	Scope of work	Displays the value	Minimum read value	Measuring rod
DST-2N	2.000N	2.000N(200.0gf)	0.001N	M6
DST-5N	5.000N	5.000N(500.0gf)	0.001N	M6
DST-20N	20.00N	20.00N(2000gD	0.01N	M6
DST-50N	50.00N	50.00N(5000gf	0.01N	M6
DST-200N	200.0N	200.0N(20.00kgf)	0.1N	M6
DST-500N	500.0N	500.0N(50.00kgf)	0.1N	M6
DST-1000N	1000N	1000N(100.0kgf)	1N	M6



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Technical Parameter

Measurement unit	N, kgf(gf) or lbf (ozf)
Display	Four-digit LCD
Measurable value	Peak or current value
Sample rate	1000 times/sec
Overload capacity	Approx. 200% F.S (LED blinking alarm at 110% F.S)
A/D converter	24-bit type
Processor	16-bit CPU
Precision	$\pm 0.2\%$ F.S. ± 1 LSD
Operating temperature	-20~40 °C
Power supply	Built-in safe and environmentally friendly large-capacity carp battery, external AC adapter
Output	RS-232C, Digimatic and ± 1 VDC
Battery signal	Provides a low battery display
Weight	Approx: 600 g
Accessories	Measuring probe 6 PCS Operating manual 1 PCS Inspection certificate (guarantee on the back cover) 1 copy AC adapter 1 PCS Carrying case 1 PCS