

HIT Series Impact Torque Tester

HIT/HIT-A/HIT-S Series

BLUE BRIGHT

Product Introduction

How to solve the large-scale impact torque test? This technical problem has troubled many manufacturing companies. After years of technical research, Blue Light has successfully solved this technical problem. This product adopts a unique circuit design and software processing technology, and adopts a split design, which makes the product reach the level of imported instruments in measuring pneumatic tools and large-scale torque performance. It is particularly suitable for torque detection of large-torque products such as pneumatic tools and electric tools. The product quality is stable and reliable and has passed the inspection and certification of authoritative organizations such as Shanghai Electric Tool Research Institute, and complies with the "JF1610-2017 Electric and Pneumatic Torque Wrench Calibration.



HIT-100/200 (all-in-one)



HIT series torque tester (second generation, split type)

Performance Characteristics

- LCD (second generation)
Ultra-high brightness digital tube displays the measured value. The reading is clear and accurate, suitable for various measurements wall environment (third generation)
- Color LCD display, with fishing line test function
Use simulated bolts to reproduce the actual test situation and display the torque during the test (fourth generation)
- There are three measurement methods:
 - Peak hold (PEAK), used to measure power tools
 - Peak-to-peak hold (PPEAK), used to measure pneumatic tools, lithium battery electric
 - TRACK tool for real-time measurement and zero point adjustment
- With forward and reverse measurement functions
- Can set the measurement time and measure the number of impacts within the set time
Ability to set automatic peak reset time of 0.5-3 seconds (third generation)
- With overload alarm and low battery indication function



HIT-A Series Torque Tester (Third Generation, Split Type)



HIT-S Series Torque Tester (Fourth Generation, Split Type)

Testable products include:



Technical Specifications

Model		HIT-100	HIT-200	HIT-300 HIT-300A	HIT-500 HIT-500A	HIT-1000 HIT-1000A HIT-1000S	HIT-2000 HIT-2000A HIT-2000S	HIT-3000 HIT-3000A HIT-3000S	HIT-4000 HIT-4000A HIT-4000S	HIT-5000 HIT-5000A HIT-5000S	HIT-10000 HIT-10000S	HIT-20000S
Measuring range	N.m	1.00-10.00	2.00-20.00	3.00-30.00	5.00-50.00	10.0-100.0	20.0-200.0	30.0-300.0	40.0-400.0	50.0-500.0	100-1000	200-2000
	kgf.cm	10.0-100.0	20.00-200.0	30.0-300.0	50.00-500.0	100-1000	200-2000	300-3000	400-4000	500-5000	1000-10000	2000-20000
	lbf.in	10.0-90.0	20.0-180.0	30.0-270.0	50.0-450.0	100-900	200-1800	300-2700	400-3600	500-4500	1000-9000	2000-18000
Measurement method		Track, Peak and Peak Hold										
Accuracy		± 1.0%										
Power supply (charging time)		1.2V NiMH batteries x 5, charging time 6 hours, HIT-S power supply is AC 220V										
Continuous use time		A full charge can be used continuously for 15 hours										
Special charger		Input AC 220V-240V Output DC 7.2V 400mA										
Standard accesories		LK26009A, LK26010										