

INTELLIGENT ELECTRIC SCREWDRIVERS (CURRENT CONTROL)

ATTENTION: TORQUE TESTERS ARE NEEDED FOR CALIBRATION

ATTENTION: SPEED SHOULD BE BELOW 100RPM WHEN TIGHTENING IS ENDED



HES-E152



HES-E403



HES-E901A

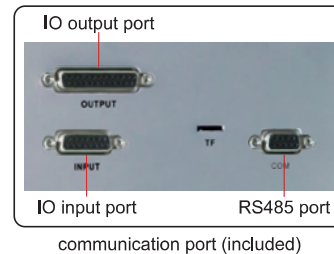
- Highly efficient heat dissipation setting, ultra-low noise handling
- Permanent magnet synchronous servo motor and high-precision reducer power transmission mechanism
- High-precision angle sensor (resolution 1°) and two-color LED indication of locking status
- The safety level conforms to the relevant provisions of GB3883/IEC60745 and other standards
- 12 task modes, each task can be configured with 8 different torque parameters
- Locked data is stored in EXCEL on the hard disk for 600 days
- Built-in servo drive for precise control of torque, angle and speed
- Provide graphical tool for process optimization and diagnostic
- Provide programmable IO and RS485 communication port for process control and data transmission
- Physical buttons for assisted operation and they are monitored by LED lights



controller type A



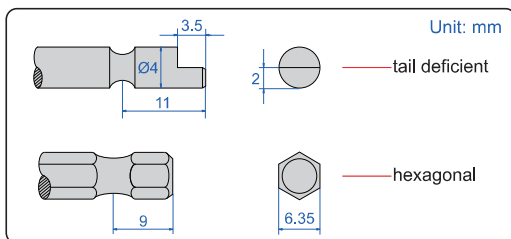
controller type B



communication port (included)

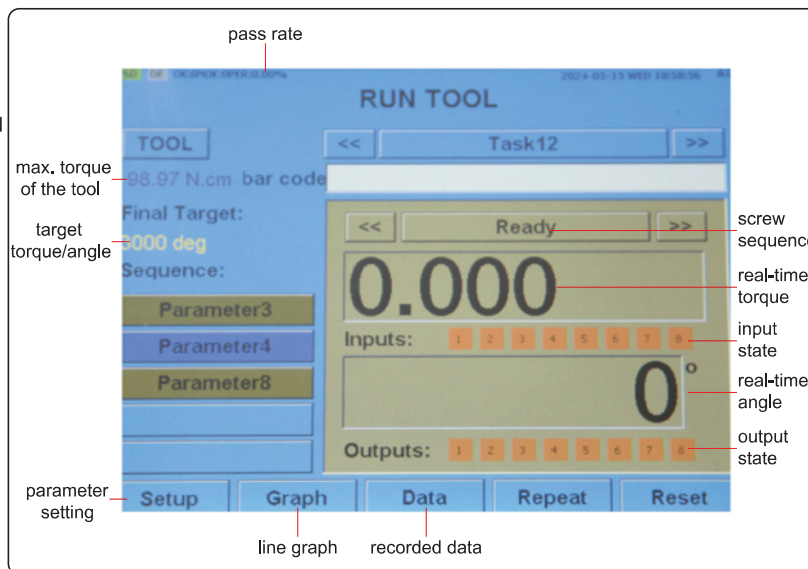


balance arm (optional)

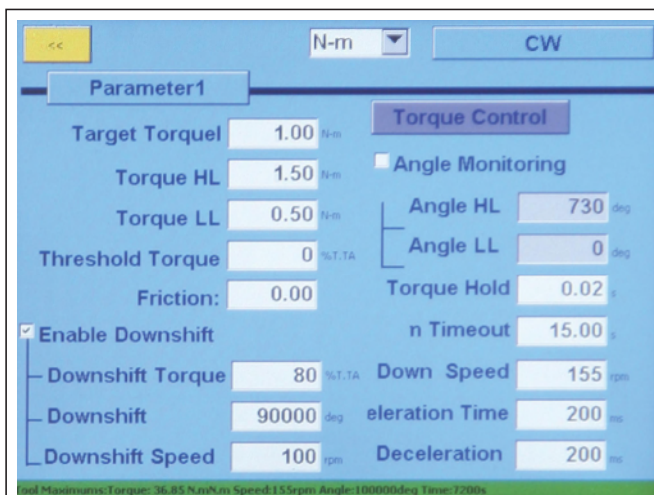


screwdriver head (optional)

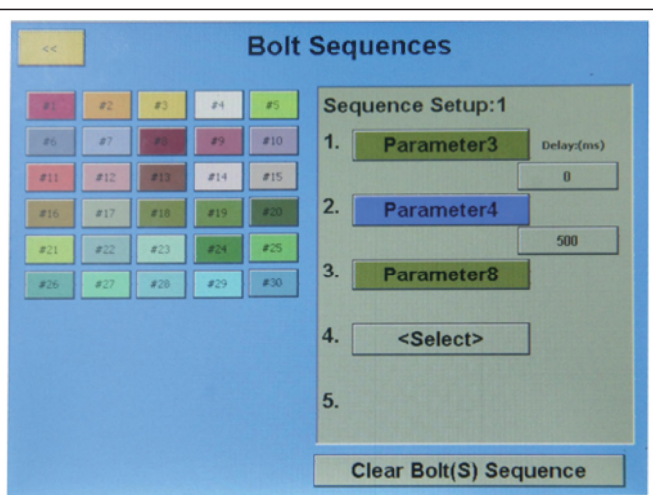
(can be customized: cross, flathead, hexagonal, star-shaped)



controller (included)



interface of tightening parameter setting



interface of screw sequence matching parameters

SPECIFICATION

Code	HES-E151	HES-E152	HES-E401	HES-E402	HES-E403	HES-E404
Torque range	0.01~0.13N.m	0.06~0.55N.m	0.02~0.23N.m	0.15~0.90N.m	0.20~1.20N.m	0.50~1.60N.m
Motor power	DC15W		DC40W			
Max. speed	5000rpm	1200rpm	5000rpm	1200rpm	1000rpm	800rpm
Applicable screw outside diameter	1.0~1.7mm	1.4~2.5mm	1.0~2.0mm	2.0~3.0mm	2.0~3.5mm	2.5~4.0mm
Applicable screwdriver head	Ø4mm tail deficient				6.35mm hexagonal	
Controller	type A					
Power supply	AC 85~264V, 47~63HZ					
Display operation interface	touch screen menu operation mode, 3 function buttons+3 LED indicators					
Torque accuracy	±5% at 30%~80% of maximum output torque, ±8% in other range					
Dimension	electric screwdriver	242×53×35mm		214×64.4×38mm	231×64.4×38mm	
	controller	151.5×185.8×221mm				
Weight	electric screwdriver	300g		400g	500g	600g
	controller	3500g				

Code	HES-E901A	HES-E902A	HES-E903A	HES-E901B	HES-E902B	HES-E903B
Torque range	0.10~0.70N.m	0.60~2.40N.m	0.60~3.00N.m	0.20~1.20N.m	0.80~4.30N.m	1.00~5.50N.m
Motor power	DC90W			AC90W		
Max. speed	5000rpm	1200rpm	1000rpm	5000rpm	1500rpm	1200rpm
Applicable screw outside diameter	2.0~2.5mm	3.5~4.5mm	3.5~5.0mm	2.0~3.5mm	3.5~5.5mm	4.0~6.0mm
Applicable screwdriver head	6.35mm hexagonal					
Controller	type B					
Power supply	AC 200~230V±10%, 50~60HZ					
Display operation interface	touch screen menu operation mode, 3 function buttons+3 LED indicators					
Torque accuracy	±5% at 30%~80% of maximum output torque, ±8% in other range					
Dimension	electric screwdriver	317×59.5×47.5mm			235×160×345mm	
	controller	210×160×345mm		235×160×345mm		
Weight	electric screwdriver	900g	1060g	900g	1060g	
	controller	5500g				

STANDARD DELIVERY

Electric screwdriver	1pc
Controller	1pc
Cross screwdriver head	1pc
Tool connection cable	1pc
USB transmission cable	1pc

OPTIONAL ACCESSORY

Ø4mm tail deficient screwdriver head	
6.35mm hexagonal screwdriver head	
Balance arm	HES-E-X*
QR code scanner	7328-SCAN

*Not suitable for HES-E151, HES-E152