

ATTENTION: TORQUE TESTERS
ARE NEEDED FOR CALIBRATION

INTELLIGENT ELECTRIC SCREWDRIVERS (CURRENT CONTROL)

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



VIDEO



HES-E152



HES-E403



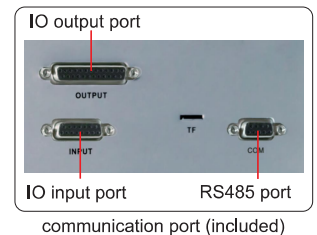
HES-E901A



controller
type A



controller
type B

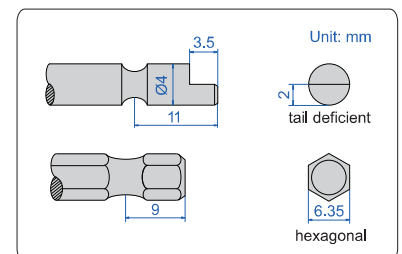
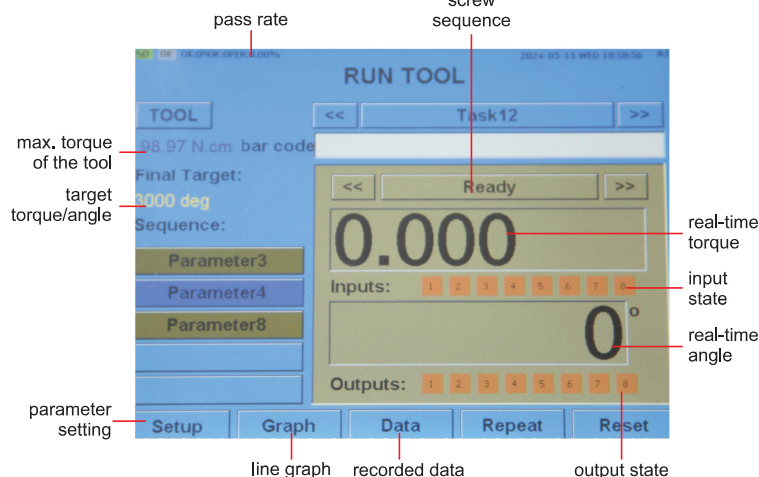


- Highly efficient heat dissipation setting, ultra-low noise handling
- Permanent magnet synchronous servo motor and high-precision reducer power transmission mechanism
- High-precision angle sensor (resolution 1°) and two-color LED indication of locking status
- The safety level conforms to the relevant 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



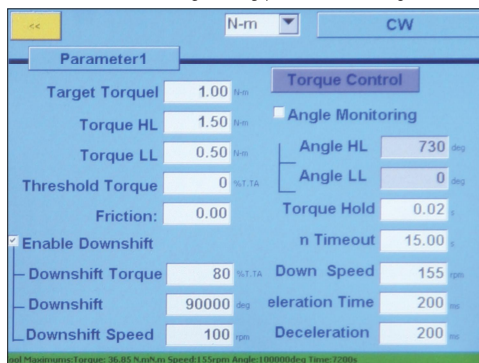
balance arm (optional)

controller (included)

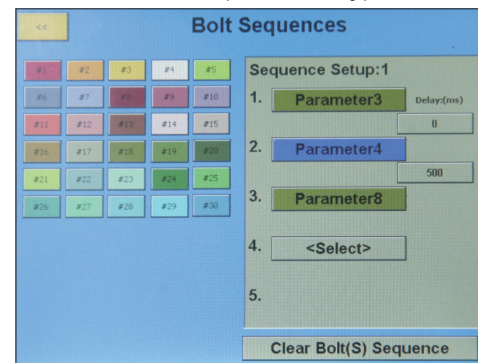


screwdriver head (optional)
(can be customized: cross, flathead, hexagonal, star-shaped)

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	
	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				
Weight	electric screwdriver	900g	1060g		900g	1060g
	controller	5500g				

STANDARD DELIVERY

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

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