

HANDHELD THREAD INSPECTION MACHINES

CUSTOMIZED THREAD PLUG GAUGES ARE AVAILABLE

ATTENTION: TORQUE TESTERS ARE NEEDED FOR CALIBRATION

ATTENTION: SPEED SHOULD BE BELOW 100RPM FOR THE FINAL STAGE

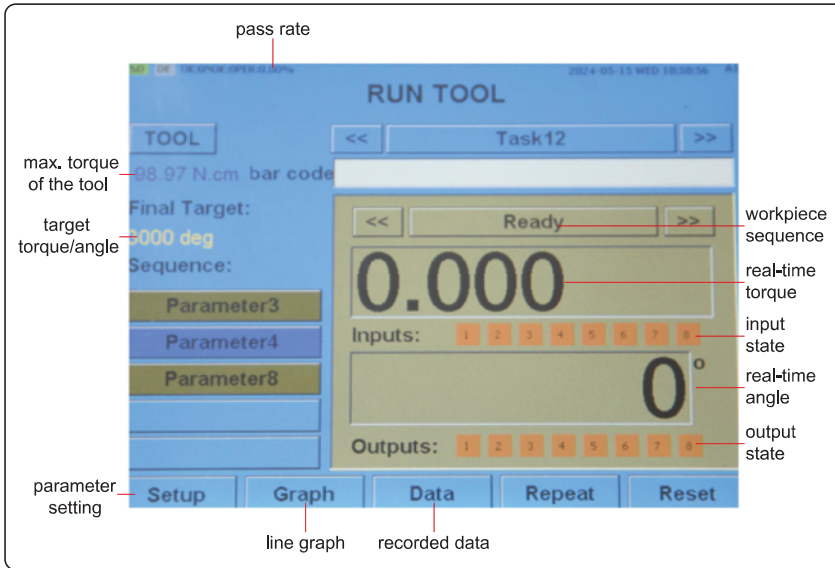


HES-TP01
main body(included)

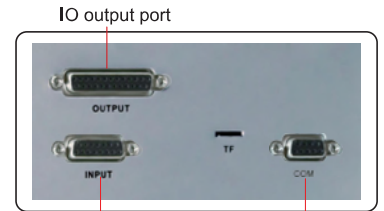
thread plug gauge (optional)
code: HES-TP-□□



controller(included)

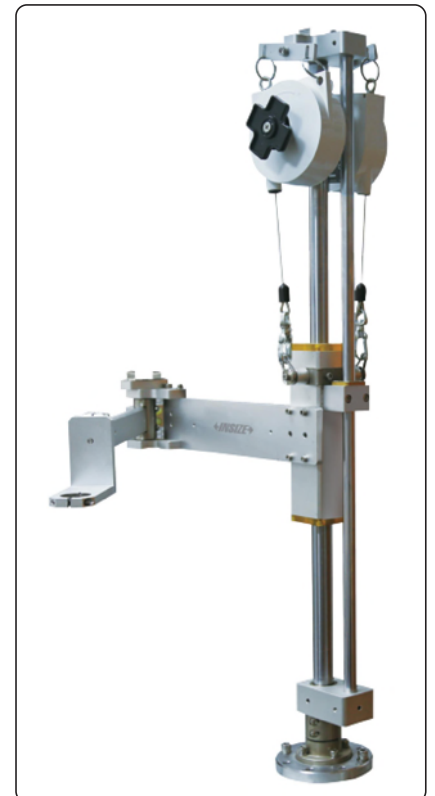


controller (included)



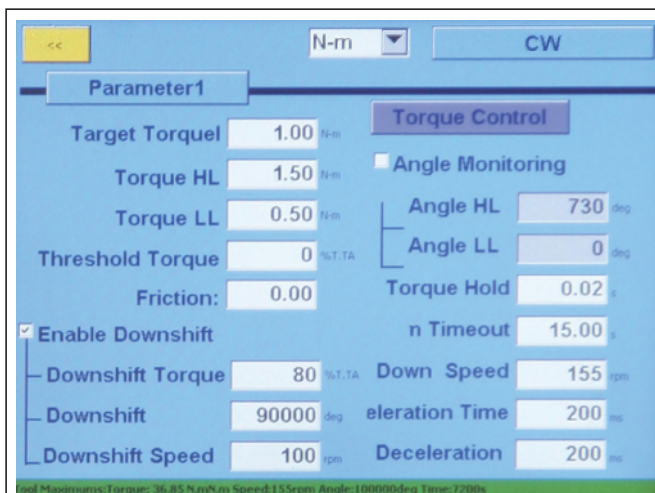
IO output port
IO input port
RS485 port

communication port (included)

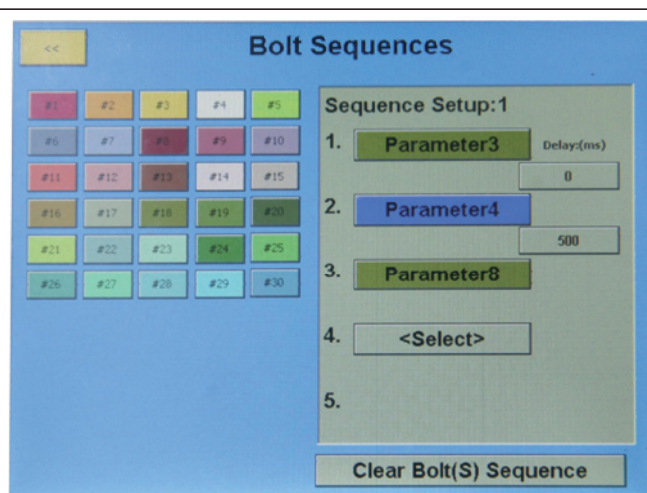


balance arm (optional)
code: HES-E-X

- For inspection of left-hand and right-hand internal thread
- High precision torque + angle control
- Real-time display torque, OK counts, NG counts and pass rate
- If NG thread is detected, the alarm is activated and the corresponding NG parameter is displayed in red on the controller
- Provide programmable IO and RS485 communication port for process control and data transmission
- Thread plug gauges can be replaced with different sizes
- Thread gauges with DLC coating, excellent wear resistance
- Optional accessory: thread plug gauges, balance arm, torque tester



interface of tightening parameter setting



interface of workpiece sequence matching parameters

SPECIFICATION

Code	HES-TP01		HES-TP02	
Torque range	0.02~0.23N.m		0.15~0.90N.m	
Motor power	DC40W			
Max. speed	5000rpm		1200rpm	
Measuring range	internal thread: M4~M13		internal thread: M14~M30	
Power supply	AC 85~264V, 47~63HZ			
Operation interface display	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	main body	214×64.4×38mm		231×64.4×38mm
	controller	151.5×185.8×221mm		
Weight	main body	400g		500g
	controller	3500g		

STANDARD DELIVERY

Main body	1pc
Controller	1pc
USB transmission cable	1pc

OPTIONAL ACCESSORY

Thread plug gauge(Go)	HES-TP-□□
Balance arm	HES-E-X
Torque tester	IST-HP1

THREAD PLUG GAUGE(Go)

metric

Code	Size Go
HES-TP-4	M4x0.7-6H
HES-TP-5	M5x0.8-6H
HES-TP-6	M6x1-6H
HES-TP-7	M7x1-6H
HES-TP-8	M8x1.25-6H
HES-TP-10	M10x1.5-6H
HES-TP-12	M12x1.75-6H
HES-TP-14	M14x2-6H
HES-TP-16	M16x2-6H
HES-TP-18	M18x2.5-6H
HES-TP-20	M20x2.5-6H
HES-TP-22	M22x2.5-6H
HES-TP-24	M24x3-6H
HES-TP-27	M27x3-6H
HES-TP-30	M30x3.5-6H

metric fine

Code	Size Go
HES-TP-8P	M8x1-6H
HES-TP-10P	M10x1-6H
HES-TP-10T	M10x1.25-6H
HES-TP-12P	M12x1-6H
HES-TP-12T	M12x1.25-6H
HES-TP-12R	M12x1.5-6H
HES-TP-14P	M14x1-6H
HES-TP-14T	M14x1.25-6H
HES-TP-14R	M14x1.5-6H
HES-TP-16P	M16x1-6H

metric fine

Code	Size Go
HES-TP-16R	M16x1.5-6H
HES-TP-18P	M18x1-6H
HES-TP-18R	M18x1.5-6H
HES-TP-20P	M20x1-6H
HES-TP-20R	M20x1.5-6H
HES-TP-22P	M22x1-6H
HES-TP-22R	M22x1.5-6H
HES-TP-24P	M24x1-6H
HES-TP-24R	M24x1.5-6H
HES-TP-30R	M30x1.5-6H