

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



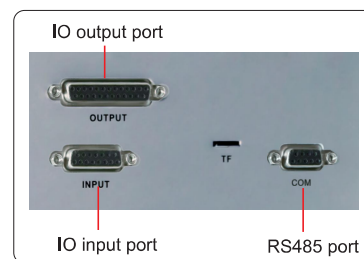
thread plug gauge (optional)
code HES-TP-□□



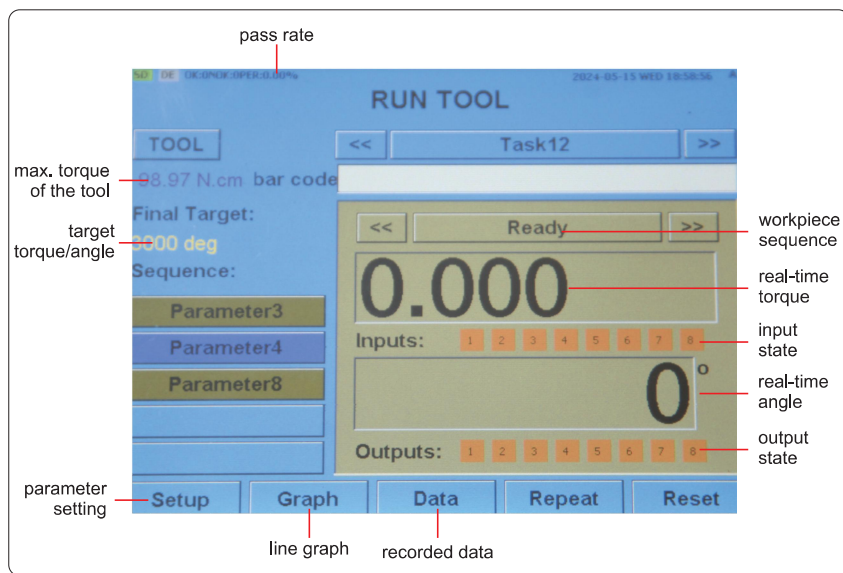
HES-TP01
main body (included)



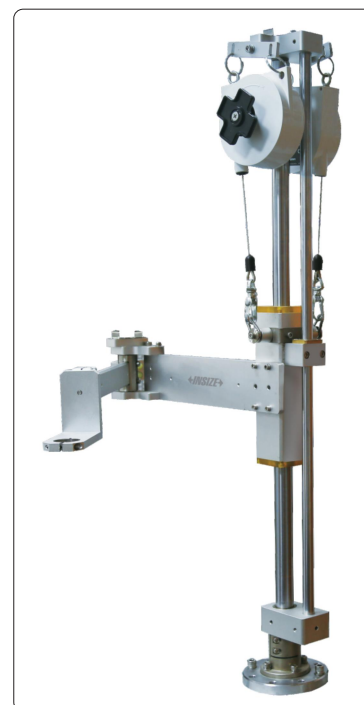
controller (included)



communication port (included)

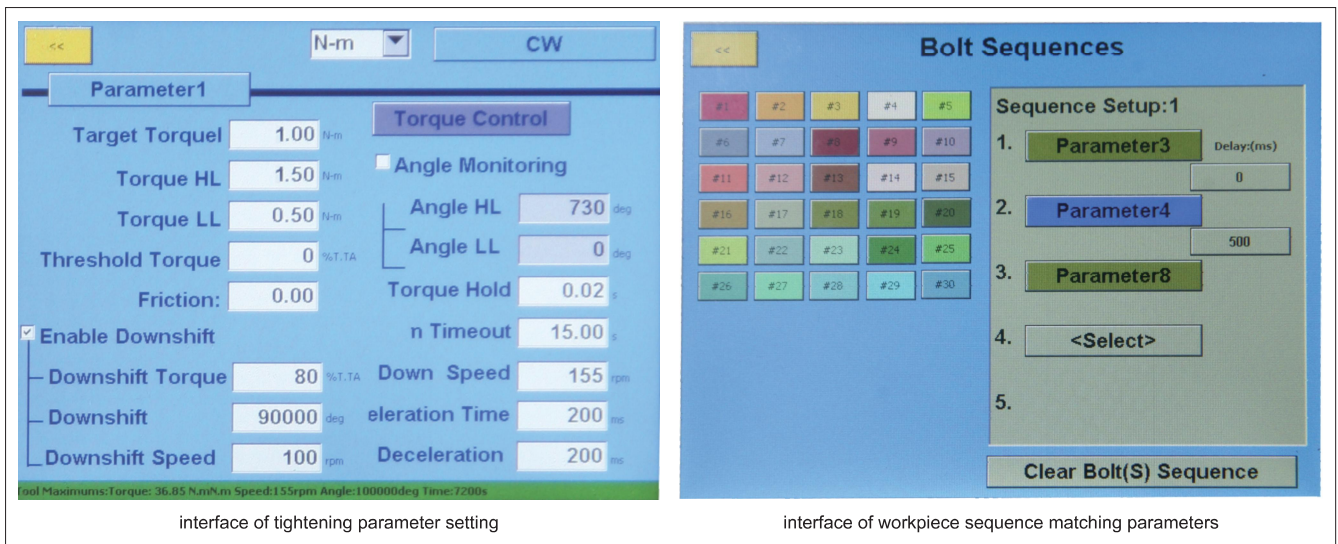


controller (included)



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	1 pc
Controller	1 pc
USB transmission cable	1 pc

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	M4×0.7-6H
HES-TP-5	M5×0.8-6H
HES-TP-6	M6×1-6H
HES-TP-7	M7×1-6H
HES-TP-8	M8×1.25-6H
HES-TP-10	M10×1.5-6H
HES-TP-12	M12×1.75-6H
HES-TP-14	M14×2-6H
HES-TP-16	M16×2-6H
HES-TP-18	M18×2.5-6H
HES-TP-20	M20×2.5-6H
HES-TP-22	M22×2.5-6H
HES-TP-24	M24×3-6H
HES-TP-27	M27×3-6H
HES-TP-30	M30×3.5-6H

metric fine

Code	Size (Go)
HES-TP-8P	M8×1-6H
HES-TP-10P	M10×1-6H
HES-TP-10Q	M10×1.25-6H
HES-TP-12P	M12×1-6H
HES-TP-12Q	M12×1.25-6H
HES-TP-12R	M12×1.5-6H
HES-TP-14P	M14×1-6H
HES-TP-14Q	M14×1.25-6H
HES-TP-14R	M14×1.5-6H
HES-TP-16P	M16×1-6H

metric fine

Code	Size (Go)
HES-TP-16R	M16×1.5-6H
HES-TP-18P	M18×1-6H
HES-TP-18R	M18×1.5-6H
HES-TP-20P	M20×1-6H
HES-TP-20R	M20×1.5-6H
HES-TP-22P	M22×1-6H
HES-TP-22R	M22×1.5-6H
HES-TP-24P	M24×1-6H
HES-TP-24R	M24×1.5-6H
HES-TP-30R	M30×1.5-6H