

SJ2018/2620 Automated Dial Indicator Testing Machines

Precision, Versatile, Efficient



SJ2018



SJ2620



Parameters

Model No.	SJ2018	SJ2620
Measuring range	(0-50)mm	
Resolution	0.01μm	
Repeatability	0.1μm	
Reading accuracy	1/60 of division value for Resolution 0.01mm dial indicator 1/30 of division value for Resolution 0.001mm dial indicator	
Indication error	Random 1mm≤0.6μm Random 2mm≤0.6μm Random 10mm≤0.8μm Random 30mm≤0.9μm 50mm≤1μm	
Hysteresis	≤0.5μm	
Interface	RS232 (Can convert to USB)	
Input voltage	AC100~240V, 50~60Hz	
Operating environment	Temp.(20±2)°C, RH(50~70)%	
Dimension	640×240×530mm	300×235×640mm
Weight	35kg	

Functions

1. Measure dial indicators, micrometer dial indicators, dial test indicators, dial bore indicators, automatically according to the relevant regulations and standards.
2. Measure the above gauges with digital display automatically.
3. Measure the above gauges with imperial system automatically.
4. Support semi-auto testing mode.
5. Automatic zeroing after click "Start".
6. Overtolerance hinting during measuring process.
7. Process and qualify the measured data automatically.
8. Can search and manage the test records according to object type, manufacturer, serial No., inspector, applicant, equipment No., inspection date or effective date etc.
9. Can print or export former test records including error sheet or curve.
10. Can print or export multiple selected test records from database once time.
11. Can export test data in CSV, EXCEL, WORD.
12. Data backup and restore.
13. Can customize format of test report according to requirements of customer.
14. Support user-defined testing program and tolerance.

Application



Digital dial indicator



Dial test indicator



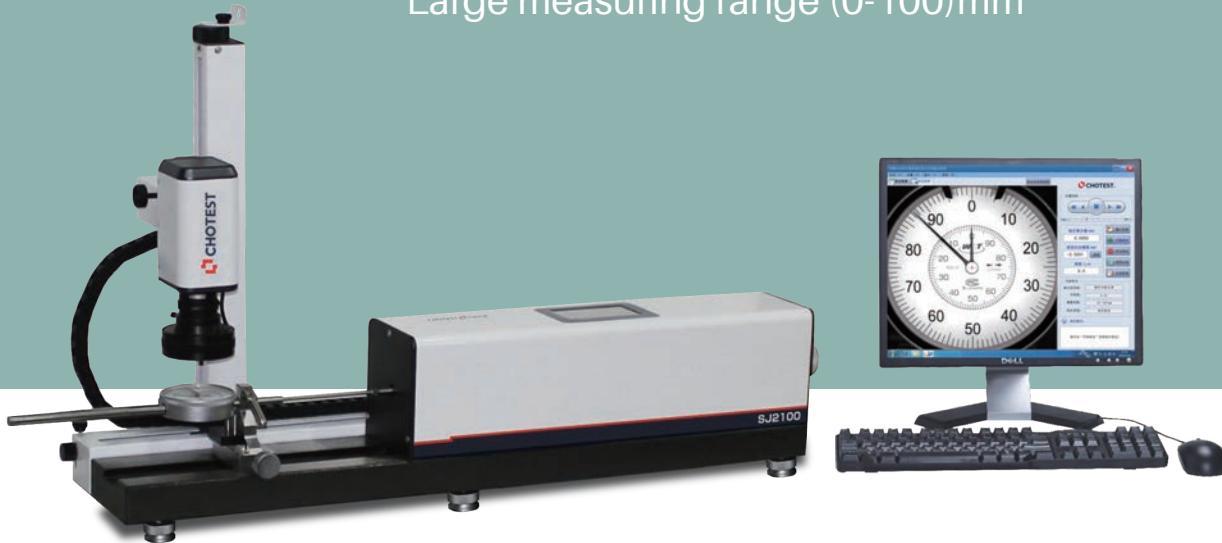
Dial bore indicator



Mechanical comparator

SJ2100 Automated Dial Indicator Testing Machines

Large measuring range (0-100)mm



Parameters

Model No.	SJ 2100
Measuring Range	(0-100)mm
Resolution	0.1 μ m
Repeatability	0.1 μ m
Reading Accuracy	1/60 of division value for Resolution 0.01mm dial indicator 1/30 of division value for Resolution 0.001mm dial indicator
Indication Error	Random 1mm \leq 1 μ m, Random 2mm \leq 1 μ m, Random 10mm \leq 1.5 μ m Random 30mm \leq 2 μ m, Random 50mm \leq 2.5 μ m, 100mm \leq 4 μ m
Hysteresis	\leq 0.5 μ m
Interface	RS232 (Can convert to USB)
Input Voltage	AC100~240V, 50~60Hz
Operating Environment	Temp. (20 \pm 2) $^{\circ}$ C, RH(50~70)%
Dimension	700 \times 205 \times 165mm
Weight	30Kg

Workholder for plunger dial indicator

Item No.: SJ20D,SJ20A

Function: For testing of regular dial indicators

Stem diameter of indicator: $\Phi 8\text{mm}$



Workholder for lever-type indicator and bore dial indicator

Item No.: SJ20B

Function: For testing of dial test indicators and dial bore indicators

Stem diameter of indicator: $\Phi 4$, $\Phi 6$, $\Phi 8\text{mm}$ (dial test indicators); $\Phi 6\sim\Phi 28\text{mm}$ (dial bore indicators)



Extension bar for camera

Item No.: SJ22

Function: For testing of dial bore indicators with long stem



Three balls object table

