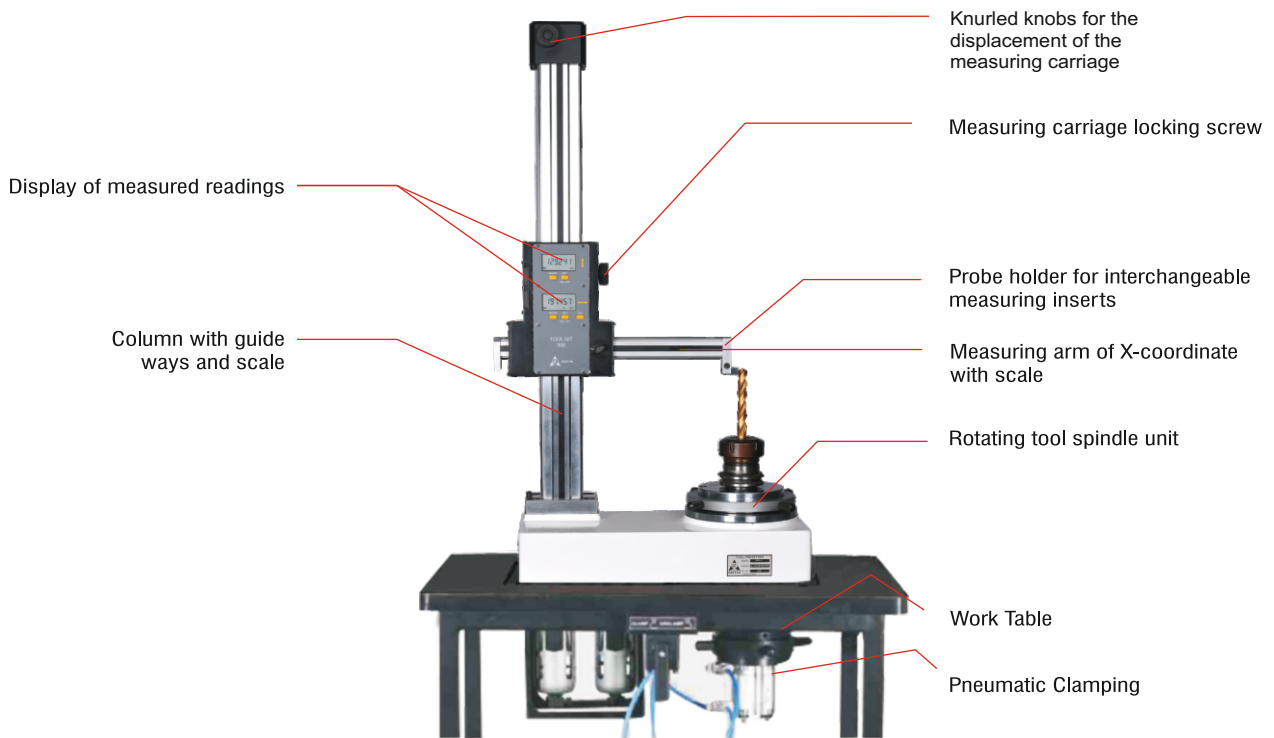


TOOL SET



Tool Set 1 and 2, fulfils the extreme environmental condition of shop floor.

The quick checking of heights & diameters (Radius) of all kind of tools such as ISO, BT, HSK, VDIA etc. is guaranteed by fixed precise steel measuring column with displacement devices in coordinates (X/Z) & constant measuring force.

Features

Display

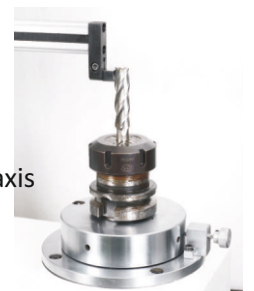
- MIN/MAX function indicator
- Activated reference indication
- Measuring value display
- Cursor for PRESET value & tolerance value input
- Tolerance mode indication
- Measuring unit (MM/INCH) indication
- "End of battery life" warning indication
- Indication of "Key board locked"
- Indication of preset mode, input of values
- Indication of display hold
- Output - OPTO RS 232 for both axis



Tool Holding Spindle

Contact type tool pre-setter devices are supplied with high precision imported ball cage bearing of Grade 0. High Precision Spindle has :-

- Less than 2µm concentricity error
- No need of additional setting master due to integrated calibration point on the spindle for both axis



Tool Clamping (Optional)

Pneumatically actuated mechanical clamping for ensuring positive gripping and repetitive measurement of the tool. It operates on 4 bar compressed air

Additional Features

- Counter balancer measuring unit which slide, requires no dial indication
- Constant measuring force of horizontal measuring slides ensures highly accurate
- Every machine supplied with a work table, storage facility for mandrel, adaptor sleeves
- High precision imported measuring scale of Sylvac make



Main Parts of Tool Set

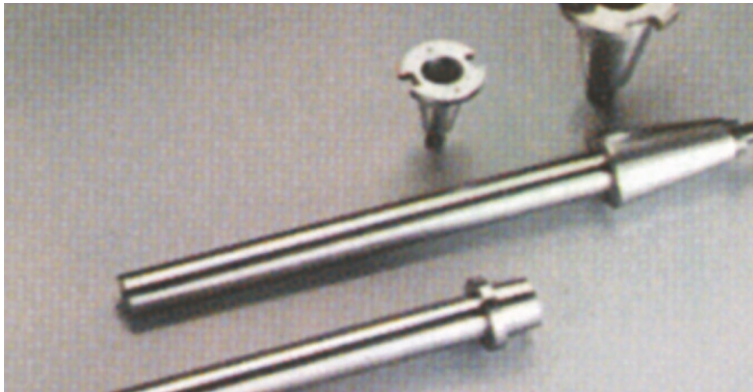
TECHNICAL DATA

Specifications	Tool Set 1	Tool Set 2
Height Measurement Range	400 mm	550 mm
Diameter/Radius Measurement	300/150 mm	300/150 mm
Pre-set Accuracy	<0.02 mm	<0.025 mm
Runout on the Spindle Nose	≤0.002 mm	≤0.002 mm
Resolution	0.001	0.001
Weight (Approx.)	34 Kg	55 Kg
Spindle Taper (Selectable)	ISO50/ISO40/ISO30 Bt50 / BT40 /BT30 / HSK 63/ HSK 50 /HSK 100/ HSK 40	
Data Output	O/P TO RS 232 Compatible	
Battery II	Lithium, 3VType CR 2032. Life 4000 Hours Approx.	

Optional Accessories

Adapter Sleeves Product Code : 14-08	ISO /BT 50 / 30, ISO /BT 50 / 40, ISO /BT 50 / 45, ISO /BT 40 / 30, HSK 100/63, HSK 100/50, HSK 100/40
Test Mandrel Product Code : 14-09	ISO / BT 50, ISO / BT 40, ISO / BT 30, HSK 63, HSK 50 / HSK 40 / HSK 100, ISO 50/40, ISO 40/30, ISO 50/45
Gauge Plane Indicator	ISO / BT 50, ISO / BT 40, BT 50/40, BT 40/30, BT 50/30, BT 50/HSK 63, BT 50/MT6

- Applications**
- Checking of a Height
 - Checking of a Diameter/Radius
 - Checking of a Runout



Adaptor Sleeves & Test Mandrels

Applications



Checking of a Height



Checking of a Diameter / Radius



Checking of a Runout



Accurate Metrology And Automation Company

(Formerly "Aditya Engineering Company")

- Head Office** : 67, Hadapsar Industrial Estate, Pune-411 013, Maharashtra, India.
 +91-20- 6606 9595, +91 86000 23615
Works : A/P - Khalad, Saswad Jejuri Road, Tal. Purandhar, Pune-412 301, India.
 +91 99700 02528 | amac@accuratemetrology.in | GST : 27AACFA5688G1ZA
 +91 86000 21671 | www.accuratemetrology.in | PAN : AACFA5688G

Authorised Distributor :



• Sales Branch Offices •

Pune	: +91 99700 02573	Delhi	: +91 80107 32455
Nashik	: +91 74474 64750	Bhiwadi	: +91 95551 81100
Kolhapur	: +91 86000 23613	Bengaluru	: +91 95903 25411
Gujarat	: +91 91759 83127	Chennai	: +91 90214 12461
Kolkata	: +91 99030 79509	Punjab	: +91 95955 74755
Ch.Sambhajinagar	: +91 99700 05605	Jamshedpur	: +91 76776 20966

Note : Due to continuous Improvements at our end, Specifications are subject to change without prior notice.