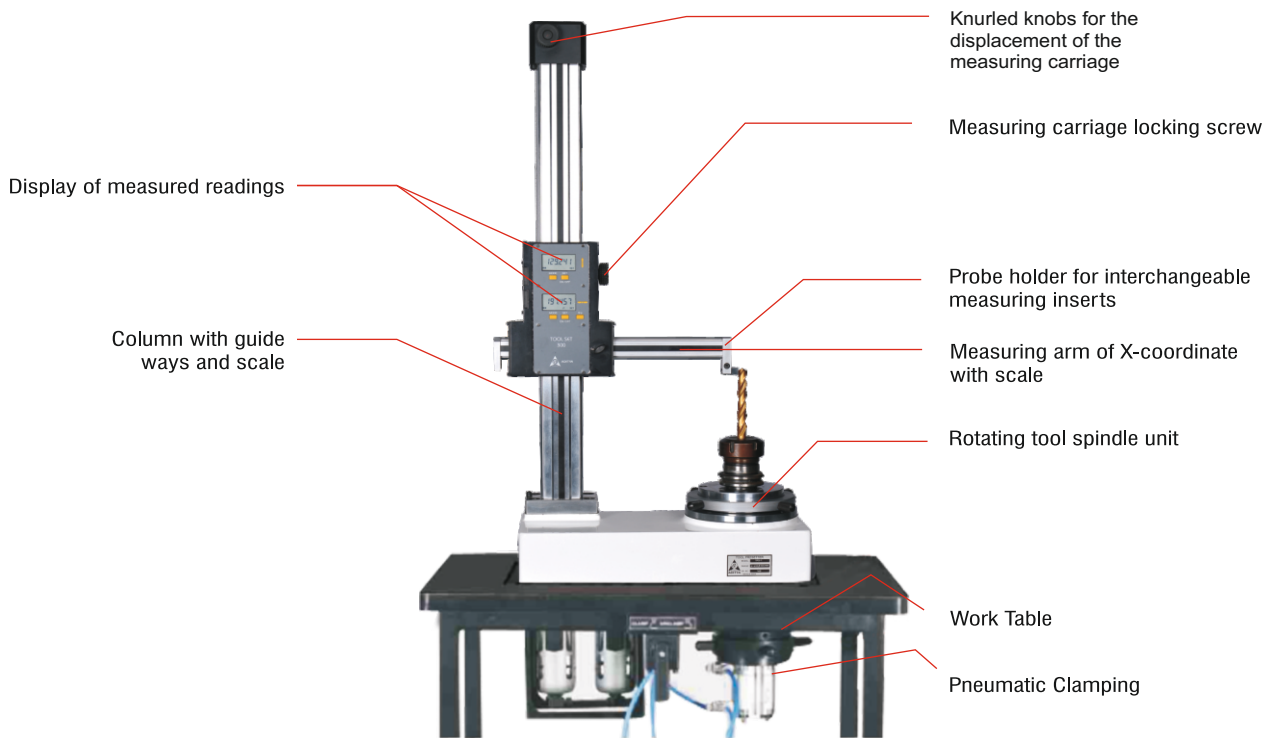


## TOOL SET



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

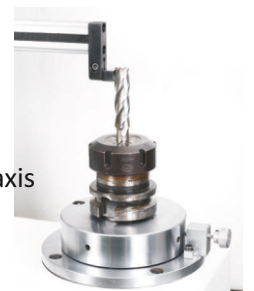
- MIN/MAX function indicator
- Activated reference indication
- Measuring value display
- Cursor for PRESET value & tolerance value input
- Tolerance mode indication
- Measuring unit (MM/INCH) indication
- "End of battery life" warning indication
- Indication of "Key board locked"
- Indication of preset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

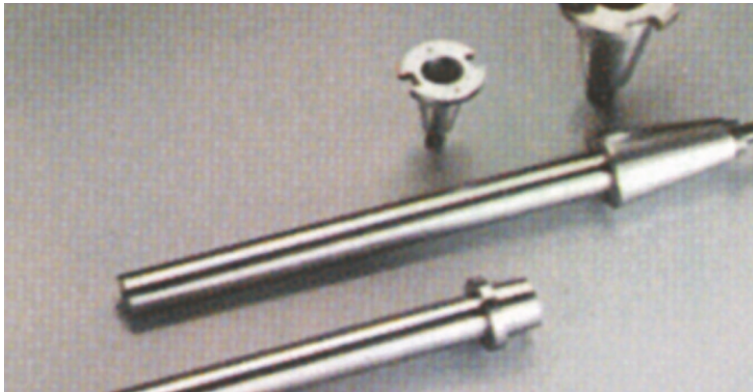
# TECHNICAL DATA

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



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