

**TOOL-PRESETTING AND CHECKING****刀具測定儀**

MODEL • 06030030 SPT-300x30 • 06040030 SPT-400x30
 • 06030040 SPT-300x40 • 06040040 SPT-400x40
 • 06030050 SPT-300x50 • 06040050 SPT-400x50

FEATURES :

- Checking and presetting of various type of tools.
- Positive measuring results by east manipulation.
- Compact construction, incorporating the Sylvac measuring system.
- The rotating tool carrying spindle unit simulates ISO tapes mounting.

特性：

- 可適用於不同刀具之測定及設定。
- 非常簡單且巧妙的運用於位置量測結果。
- 精巧的結構併於Sylvac量測系統。
- 設置有ISO標準斜錐於帶動迴轉主軸上。

INSTRUMENT CONSTRUCTION:

1. Cast iron base, Steel column with hardened ground stainless steel guide-ways.
2. Conter-balanced measuring carriage including an horizontal arm for measuring in X-coordinate.
3. Knurled knobs for the displacement of the carriage activating a friction measuring pressure. Displacement of the measuring arm by a sliding movement. Measuring pressure set through a tension spring.
4. Incorporated SYLVAC measuring system on either coordinate.
5. Tool carrying spindle unit simulating ISO taper mounting. Fixing device for one position. Locking of the spindle at any point of rotation.
6. Transport handles. Possibility to fix instrument on a bench.

OPERATING MODES:

1. Selection of resolution.
2. Zero setting at any position of the measuring carriage or the horizontal arm.
3. mm/inch selction.
4. Two reference datums. (REF I / REF II)
5. Input of preset values and recall.
6. Min/Max memory.(Display of delta)
7. Setting and display of tolerance limits.
8. HOLD display function.
9. Data transmission.(RS232 compatible, Half-duplex)
10. Display of radius a diameter value in X-axis.

EACH INSTRUMENT IS SUPPLIED AS FOLLOWS:

Instrument according to specifications including a probe holder and measuring insert with flat tungsten carbide surfaces (SPT02)-two lithium batteries, 3V-protection cover-instructions for use test and guarantee certificate.



**CO-OPERATION WITH
TRIMOS SWITZERLAND**
與瑞士技術合作生產，品質保證

**SWISS
QUALITY**
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儀器結構：

1. 底座使用高級鑄鐵，儀器支柱用高級特殊鋼材，並經硬化熱處理及精密研磨，並使用不銹鋼線性滑軌。
2. X軸座標伸出量測臂配置有平衡裝置。
3. 凸出的旋鈕，可平順藉由滑軌帶動移位量測，量測接觸壓力，可藉由拉伸彈簧吸收，以免過度撞擊刀具，影響精度。
4. 併入Sylvac量測系統，使整儀器協調一致。
5. 設置有ISO標準斜錐，並固定在同一固定角度，固定主軸可在任何點旋轉。
6. 裝有手把以利搬移，或將整台固定於工作平台上。

操作模式：

1. 選擇讀出數(小數點後面第3位)
2. 在任意點歸零，帶動水平量測臂量測。
3. mm / inch 選擇
4. 兩個參考基準面 (REF I / REF II)
5. 輸入設定值和叫回
6. 最小值/最大值記憶 (顯示到小數點第3位)
7. 設定和顯示最小公差值
8. "按住"顯示功能
9. 資料傳輸 (RS232相容，一半雙重)
10. X座標顯示半徑或直徑值。

標準附件：

1. 碳化鎢平面探針
2. 探針架
3. 鋰電池x2只(3V)
4. 防塵套
5. 保證書

Unit: mm

	SPT-300-ISO 50 / 40 / 30	SPT-400-ISO 50 / 40 / 30
Measuring range	X= 100mm / 4" , Z= 300mm / 12" Max. dia 200mm / 8"	X= 150mm / 6" , Z = 400mm / 16" Max. dia 300mm / 12"
Resolution	0.01mm / 0.01mm .0005" / .0005"	0.01mm / 0.01mm .0005" / .0005"
Accuracy	X= 0.010mm / .0004" , Z= 0.020mm / .0008"	X= 0.010mm / .0004" , Z = 0.025mm / .00010"
Repeatability	0.005mm / .0002" (+/-2s)	0.005mm / .0002" (+/-2s)
Concentricity of the spindle unit related to the axis of the ISO location, max. error	0.02mm / .0008" over 300mm / 12"	0.025mm / .001" over 400mm / 16"
Squareness of measuring arm in relation to ISO location, max. error	0.015mm / .0006" over 300mm / 12"	0.02mm/.0008" over 400mm/16"
Max. displacement speed of measuring carriage and measuring arm	1m/sec. (40"/sec)	1m/sec. (40"/sec)
Measuring force	X-cord. = 1N , Z-cord.= 2N	
Measuring unit	Metric / Inch (Direct conversion)	
Measuring system	Patented sylvac measuring system	
Digital display	LCD Display: Sign (-) , 6 Digits (7 inch mode). Height of digits: 8.5mm / .33" , Indication for active functions	
Power supply	2 Lithium batteries , 3V , Type CR2032, Capacity 190 mAh	
Working temperature	+5° to + 40°C / +41 to 104F	
Date output	RS232 compatible	
Interface	RS232 compatible interface cable with opto-electronic coupler	
Weight	21kg / 46.30lbs	35kg / 75lbs