

SPICO Twin column universal testing machine are use in all industries worldwide for materials testing, product testing, quality control and R&D application.

Control System Utilizes in two models:

- ▶ Integral PC System running SPICO Test with 19" Touch Screen Monitor.
- ▶ 7" HMI Control Panel with running SPICO Test Software on Customer PC.



High efficiency and reversibility ballscrew from HIWIN



High Accracy load-cell from Revere



Delta servo motor with minimum Back-lash Gear box from Apex



Non-contact Video Extensometer



Single Camera System

3D Horizontal System

Long Distance Extensometer

Environment Chamber

Temperature Chamber Specification

Temperature range	-70°C - 300°C
Width	400 mm
Depth	500 mm
Height	650 mm
Cooling System	LN ₂
Inner Body	Stainless steel
Outer Body	Metal with hydrostatic cover
Automatic Air circulation	

Automatic temperature controller

Temperature Chamber



Variety of Grips



Universal Tensile	UTM-S50-1	UTM-S50-2	UTM-S250-1	UTM-S250-2	UTM-S500	UTM-S1000
Test Force (Capacity)-KN	1	5	10	25	50	100
Structure	One column			Two column		
Space between Test Axis to Column-mm	105	105	406	406	406	406
Speed range-mm/min	0.05-500					
Crosshead Travel (Excluding) grips-mm	800	800	1260	1260	1260	1200
Width-mm	600	600	750	750	750	810
Depth-mm	450	450	478	478	478	478
Height-mm	1420	1420	1900	1900	1900	1900
Data Calculated Resolution	24 Bit					
Force Measurement Accuracy	Grade 0.5 according to OIN EN ISO 7500-1					
Strain Measurement Accuracy	+0.01mm					
Speed Accuracy-%	+0.2% of set speed					

Optional:

- Be supplied with Extensometer
- Be supplied with Maximum four Load-Cell
- Various kind of Grips according to customer standard