

GEOMET COLUMN

6-AXIS MOVEMENT | ROUGHNESS TESTER



105 - Geomet Column



This geomet column and base assembly seems to be a highly versatile and mobile inspection system, specifically tailored for very large components that may not be easily transportable to a fixed inspection table. The multi-axis movement, precise adjustments, and rotation features make it suitable for comprehensive inspections of oversized parts in different industrial applications.

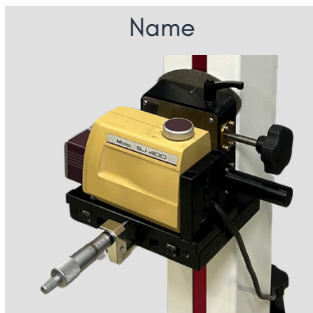
Rotation of Column - 360°, release and lock with fine adjustment.
Y axis cross slide $\pm 12.5 - 0.01$ mm, movement on precision cross roller bearings

Profile Measuring Device: Equipped for measuring profiles, possibly in the context of surface roughness testing.

Rotary Plate: Surface roughness testing equipment is fixed on a rotary plate. The rotary plate can be moved towards the Z-axis by the motor, controlled by the joystick.

Overall Dimensions with Column:

Length (L): 330 mm,
Breadth (B): 280 mm
Height (H): 850 mm



Z-AXIS MANUAL ROTATION

Z-AXIS: 600mm

TILTING: $\pm 40^\circ$ WITH LOCK

Y-AXIS: 25mm

ROTATION 360° WITH LOCK

X AND Y AXIS MOVEMENT



MANUAL TILTING

AXIS MOVEMENT LOCK