

Hommel F1000

Roundness Measuring Systems



The HOMMEL TESTER F1000 is a compact form and roundness measurement system. It has an air-bearing rotary table and a simple manual workpiece alignment system. The uniform measuring speed and adjustable vertical axis ensures maximum flexibility and ease of use. The compact design ensures the F1000 can be relocated easily when required.

Features

- Compact Design
- Rotary table Diameter: 150 mm
- Load capacity: 25 kg

Specification	F1000
Measuring range	
Distance C/Z axis	220 mm
Maximum test diameter	300 mm
Maximum measuring height	300 mm
Maximum load	25 kg
Rotational axis (C axis)	
Table diameter	150 mm
Workpiece alignment	manual
Roundness error	0,05 µm
Axial runout error	0,04 µm
Centring range	+/- 2 mm
Inclination range	+/- 0,6°
Rotary Bearing	Air
Vertical axis (Z axis)	
Adjustment traverse	300 mm
Horizontal axis (R axis)	
Adjustment traverse	170 mm
Dimensions/Weight	
Length	475 mm
Width	285 mm
Height	600 mm
Weight (approx)	80 kg

All accuracy data according to DIN 1101.