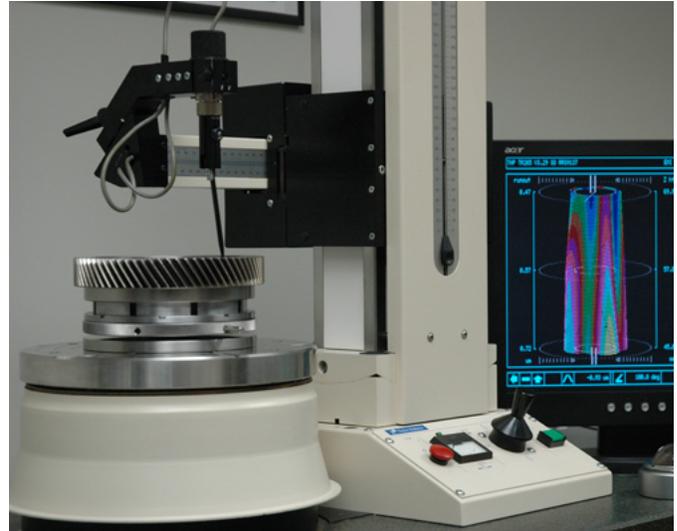


Talyrond 262

- ✓ ROUNDNESS MEASUREMENT
- ✓ CYLINDRICITY/STRAIGHTNESS
- ✓ AUTO CENTRING/LEVELLING
- ✓ AIR BEARING SPINDLE
- ✓ FULLY PROGRAMMABLE
- ✓ HIGH LOAD CAPACITY
- ✓ IMMEDIATE DELIVERY



Measurement Capacity

Maximum Diameter	350mm (13.8 in)
Maximum Weight	50Kg (110 lb)
Maximum Height	300mm (11.8 in)

Worktable & Spindle

Worktable Diameter	260 mm
Speed of Rotation	6 rpm and 2 rpm nominal, clockwise
Range of Centring	5 mm (0.20 in)
Range of Levelling	1 degree
Roundness Limit of Error (departure from Least Squares Circle at 6 rpm with 0-50 u.p.r filter)	Concentric Load within 0.04µm + 0.0003µm/mm height above worktable (1.5 µin + 0.8 µin/inch)*
Axial Error	0.06 µm maximum axial movement of worktable during one revolution

Vertical Straightness Module

Measurement Length	300mm (11.8in)
Straightness Limit of Error (Minimum Zone Straightness at 5mm/sec (0.2in/sec) with 8.0mm (0.3in) cut-off low pass filter	0.5 µm over 300 mm (20 µin over 11.8 in) and 0.25 µm over any 100 mm traverse length (10 µin over 3.9in)

Positional Control Uncertainty ± 100 µm (± 0.004 in) for one single move

Motorised Radial Arm

Straightness Accuracy	0.5µm over 200 mm (20µin over 7.9 in) and 0.25µm over any 50 mm traverse length (10µin over 1.97 in) 200 mm (7.9 in). This may be set for up to 50mm (1.97in) of travel past the spindle axis
Traverse Length	± 50 µm (± 0.004 in) for one single move

Positional Control Uncertainty ± 50 µm (± 0.004 in) for one single move

Gauge

Standard Stylus Arm Length	100mm (3.94 in)
Range of Gage Movement with 100mm Stylus Arm	2.0mm(0.079in) Nominal

The Talyrond 262 is a comprehensive roundness and cylindricity measuring instrument capable of measuring roundness, vertical and horizontal straightness, squareness, parallelism, flatness, coaxiality, cylindricity, concentricity, eccentricity, runout, harmonic and slope analysis. The Talyrond 262 is a computer controlled instrument that features three motorized axes for measurement: the worktable, radial straightness unit (RSU) and the vertical straightness unit (VSU). Full programmability and automatic centring and levelling make the measurement of parts easy by enabling complete alignment, measurement and analysis runs. Once programmed, the Talyrond 262 can be used by all levels of operators for the measurement and analysis of complex features on parts. Contact us today to find out more.

INCLUDES: PC, MONITOR, CONTROLLER, GAGE AND DESK!

