



Home

Contact Us

Electro-Optical
Metrology
Applications
Service & Repair

Laser Tracker Accessories

Workshop Roughness,
Roundness & Form
Applications

Dimensional
Measurement
Applications

Non-contact 2D/3D
Surface Feature
Measurement
Applications

Flooring Safety

Call us today:
+44 (0)116 276 6262

Email us
with any questions

Search:

Search

Surtronic-R Precision High Speed Roundness Measurement

- Roundness measurement
- Form
- Concentricity
- Eccentricity
- Runout
- Flatness
- Coaxiality
- Interrupted surface*
- Harmonic Analysis*
- Thickness variation*

The new Surtronic-R Series is a high speed roundness measurement station which is robust enough for shopfloor but accurate enough for any inspection room.

Features include:

- Top speed roundness measurement throughput without compromising accuracy
- Touch screen PDA with intuitive navigation
- Robust system - designed for constant 24 hour, 7 days a week use



Surtronic-R offers high speed roundness measurement without compromising accuracy

Specification



Surtronic Roundness software

Measuring capacity:	300mm dia x 280mm height, 20kg
Spindle accuracy:	+/-25nm at 6rpm
Gauge resolution:	30nm (R-80 series) 6nm (R-100 series)

* optional on some models.

The Surtronic R-80 is ideal for a range of roundness measurement applications including aerospace and automotive engineering:

Valves ... Con Rods ... Pins ... Brake Discs .. Compressor Parts ... grinding wheels ... gear shafts .. hypodermic tubes ... pipeline joints ... dies and punches ... injectors

These systems are ideal for monitoring manufacturing processes such as turning, grinding, milling and honing.

The Surtronic R-100 Roundness Series offers enhanced resolution, dedicated fixtures and additional software options ideally suited to high volume production in the bearings industry. Working closely with bearings manufacturers, Taylor Hobson has developed a flexible solution for roundness and form measurement on bearing races, balls, needles and rollers.

Surface Finish | Roudness Measurement Testers [Taylor Hobson Surt...



Want more information? Get in touch:

+44 (0)116 276 6262

Email Us

LinkedIn

ABOUT:

- Home
- Contact Us
- News
- Site Map
- Cookie Usage
- Privacy Policy

PRODUCTS:

- Electro-Optical Metrology
- Laser Tracker Accessories
- Workshop Surface Roughness, Roundness & Form
- Dimensional Measurement Products
- Gauging and Transducers
- Flooring and Slip Resistance

MARKET SECTORS:

- Precision Engineering
- Aerospace
- Automotive
- Calibration
- Medical
- Shipbuilding & Repair