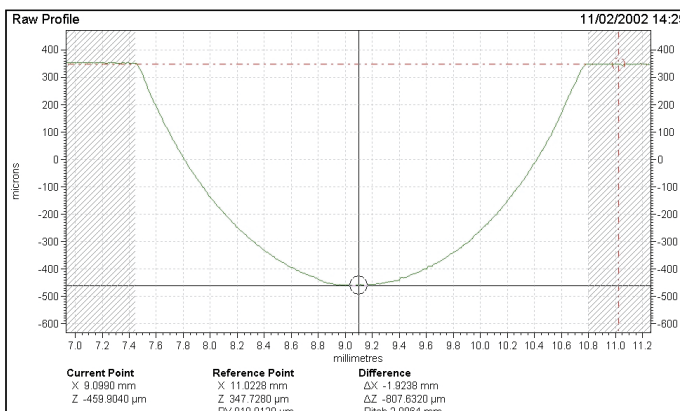
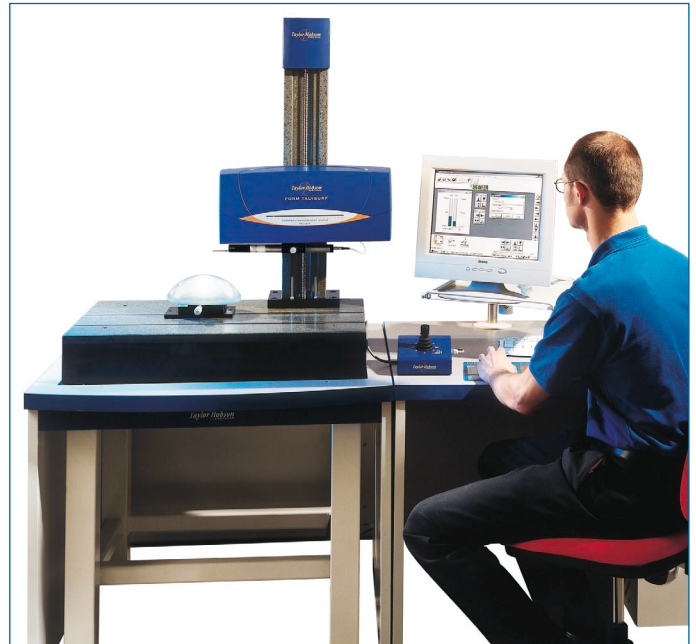


## Precision Solutions for Surface Finish and Contour Measurement

The original Form Talysurf, launched in 1984, was the first instrument ever to measure texture, form and contour simultaneously. Now, our newly developed range of Form Talysurf measurement systems has reinforced Taylor Hobson's leadership position and created a new global standard for the assessment of surface finish and form. With a full millimetre of range, a wide selection of interchangeable styli and a patented calibration routine, the inductive systems are ideal for almost all high precision applications.

### Form Talysurf Inductive Systems Features and Benefits

- 1mm vertical range / 16nm resolution**  
 Delivers form (contour) as well as surface finish measurement capability for precision metal forming and other applications.
- 200mm horizontal traverse**  
 Available for the first time on Inductive systems, to deliver an increased measurement envelope. Standard 60mm and 120mm version can also be specified. The 60mm version allows 7x8mm cut offs to be measured in line with ISO 4288.
- 0.50µm / 120mm straightness error**  
 For high accuracy contour measurement, even on extra large components. Optional Datum Correction Pack available for the most demanding applications.
- 0.125µm horizontal data spacing**  
 Small components and features can be measured more effectively than ever before. Reduced run-up and run-down length further improve usability.
- 450mm motorized column**  
 Motorized tilt version available for even greater application flexibility when measuring inaccessible component features



### Taylor Hobson delivers an excellent investment

- Save money with flexible, modular system configurations
- Improve accuracy with our patented calibration routine
- Save time with multi-tasking measurement systems
- Increase productivity with automatic, unattended operation
- Prevent mistakes with programmed measurement routines

### Ultra Software - comprehensive surface finish analysis

Form Talysurf Inductive Systems include everything important to the measurement of surface finish. Fundamental roughness and waviness parameters are included, plus form error analysis, feature exclusion, zoom tool and full programmability for shopfloor applications.

- Form Analysis\***  
 Measure and evaluate Radius, Angle (Slope) and Dimension
- Simple User Interface\***  
 Combines with system programmability to deliver a true shopfloor solution; custom designs available.
- Dual Profile Analysis\***  
 Allows comparison of measurements for wear, tolerancing, etc.
- Ultra Contour Analysis**  
 Separate software utility for dimensional applications, allowing design data and measurements to be directly compared, and error results obtained. Special hardware is also available for wide-range applications.
- Talymap 3D Analysis**  
 Separate software utility for topography applications; special hardware is also required.

\*Ultra Software Licence Options

## Serving a global market

Taylor Hobson is world renowned as a manufacturer of precision measuring instruments used for inspection in research and production facilities. Our equipment performs at nanometric levels of resolution and accuracy.

To complement our precision manufacturing capability we also offer a host of metrology support services to provide our customers with complete solutions to their measuring needs and total confidence in their results.

### Contracted Services from Taylor Hobson

- Inspection services**  
 measurement of your production parts by skilled technicians using industry leading instruments in accord with ISO standards
- Metrology training**  
 practical, hands-on training courses for roundness and surface finish conducted by experienced metrologists
- Operator training**  
 on-site instruction will lead to greater proficiency and higher productivity
- UKAS Calibration and Testing**  
 certification for artifacts or instruments in our laboratory or at customer's site

### For the above services, contact our Center of Excellence:

email: [taylor-hobson.cofe@ametek.com](mailto:taylor-hobson.cofe@ametek.com)  
 or call: +44 116 276 3779

- Design engineering**  
 special purpose, dedicated metrology systems for demanding applications
- Precision manufacturing**  
 contract machining services for high precision applications and industries
- Preventative maintenance**  
 protect your metrology investment with a Talycare service cover plan

### For the above services, contact our Sales Department:

email: [taylor-hobson.sales@ametek.com](mailto:taylor-hobson.sales@ametek.com)  
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