Taylor Hobson Webinar Newsletter

Issue 3
Dec, 20

How to Join - 3 Simple Steps

1. Click the link or visit:

2. Select and download the calendar entry

3. On the day, click the calendar link and join our webinar

Catch up with Webinars On-Demand

View all existing webinars at our dedicated online resource center

Meet our Experts...

Dr. Yang Yu
Senior Applications Scientist (Optics Metrology)

Advanced Metrology - Freeform Surface Measurements

James Porter
Product Manager (Shopfloor Instruments)

Launch of TalyMap® and TalyProfile - Version 8

Dr. Marc Wendel
Senior Applications Manager (Optics Metrology)

Full Lens Characterisation with LUPHOScan

Greg Roper
Business Development Manager (Surface)

Introduction to Metrology 4.0 Software - Production Interface

Richard Smith
Global Applications Manager

Analysis and Departure from True Circle / Plane / Form

This Month's Featured Webinar ⭐

Metrology 4.0 Software - Production Interface
Greg Roper - Business Development Manager (Surface)

10th December 2020

Live Webinars

Applications Series

Advanced Metrology of Freeform Surface Measurements
Dr. Yang Yu - Senior Applications Scientist (Optics Metrology)

Date: **1st December 2020**
Time: **8:30-9:00 AM* / 3:00-3:30 PM***

Launch of TalyMap® and TalyProfile - Version 8
James Porter - Product Manager (Shopfloor Instruments)

Date: **8th December 2020**
Time: **8:30-9:00 AM* / 3:00-3:30 PM***

Analysis and Departure from True Circle / Plane / Form
Richard Smith - Global Applications Manager

Date: **15th December 2020**
Time: **8:30-9:00 AM* / 3:00-3:30 PM***

Software Series

Metrology 4.0 Software - Production Interface
Greg Roper - Business Development Manager (Surface)
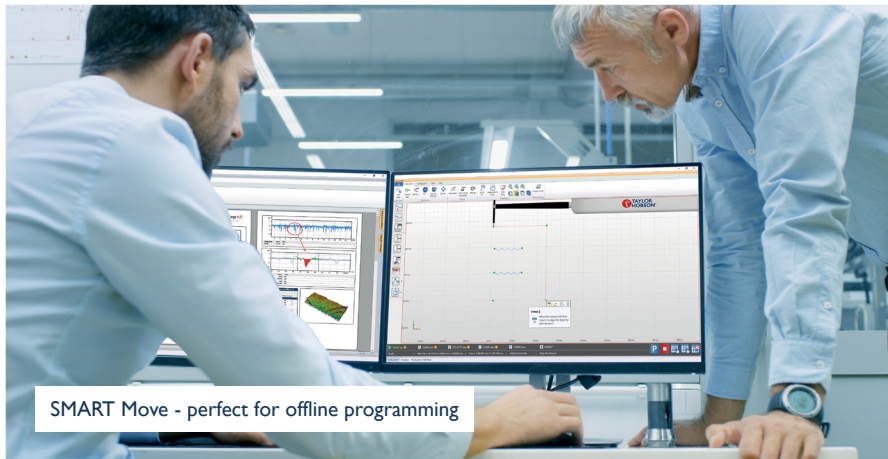
Date: **10th December 2020**
Time: **8:30-9:00 AM* / 3:00-3:30 PM***
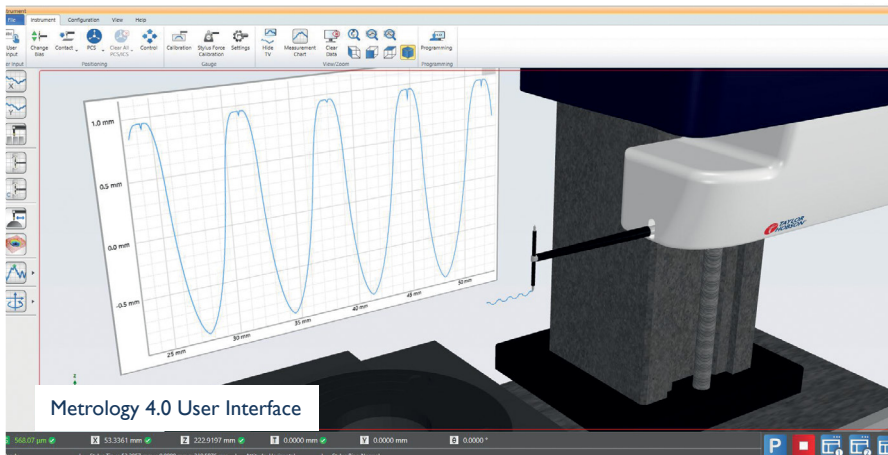
* Greenwich Mean Time (GMT) + 1.

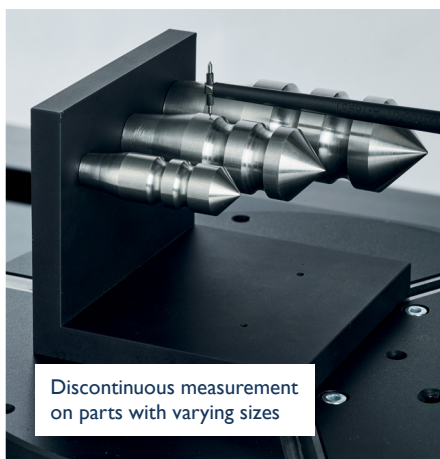# Metrology 4.0 - Smart Software
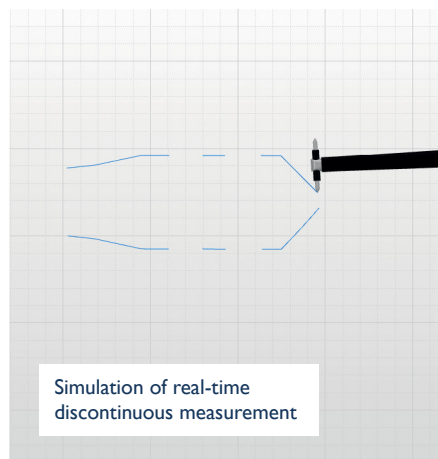# Advanced metrology, made simple

SMART Move - perfect for offline programming

Metrology 4.0 User Interface

Discontinuous measurement on parts with varying sizes

Simulation of real-time discontinuous measurement

Metrology 4.0 SMART SOFTWARE

Cutting-edge technology

The advancement in metrology software design that the market has been waiting for...

Taylor Hobson's new advanced software enables dimensioning in accordance with part drawings and provides an exact reflection of the Part Co-ordinate System (PCS) delivering the final link in the manufacturing loop.

Metrology 4.0 software is easy to use with an intuitive user-interface, virtual display and real time control. The state-of-the-art point and move axis control function (SMART Move) delivers precise positioning and accurate measurement.
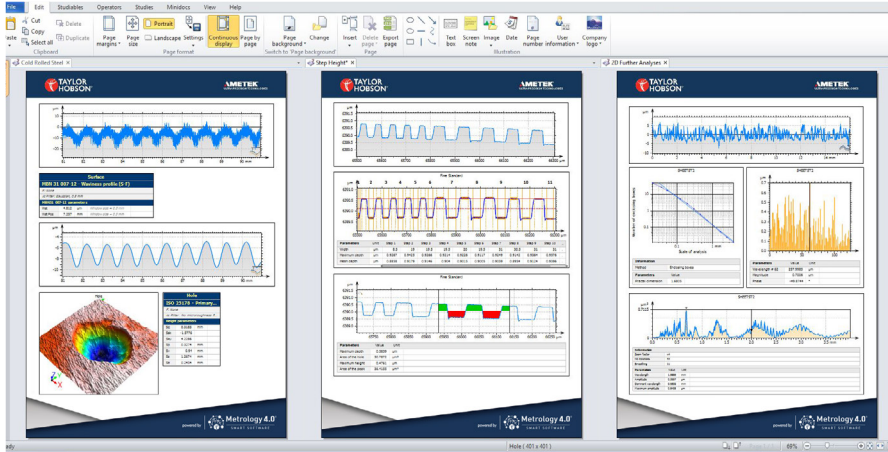
Operator benefits

Virtual display - simulation of the measurement process with 'at-a-glance' status, on-screen indicators, real-time feedback and remote system control.

SMART Move - intuitive operation for moving and measuring. Once a part has been set-up, the user can then zoom to a detail that the eye cannot see and program around the virtual part.

Variable programming - enables users to automate measurements of a multitude of part sizes without the need for a multitude of programs.

Powerful, intuitive and easy-to-use
Dedicated software analysis packages

Metrology 4.0® SMART SOFTWARE

One software platform does all

Metrology 4.0 includes desktop publishing, automated feedback, roughness, contour, and 3D analysis.

Critical analysis types

Surface finish
- Roughness, waviness and primary
- Form error and radius
- Rk parameter set
- R & W parameter set
- Dominant wavelength
- Slope analysis
- Step height
- Departure from true form (DFTF)
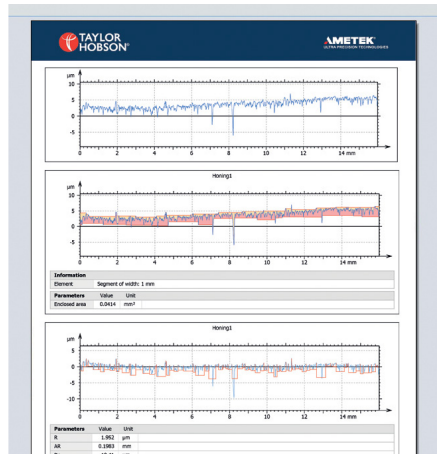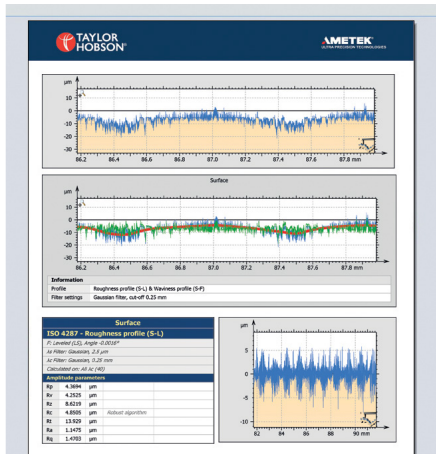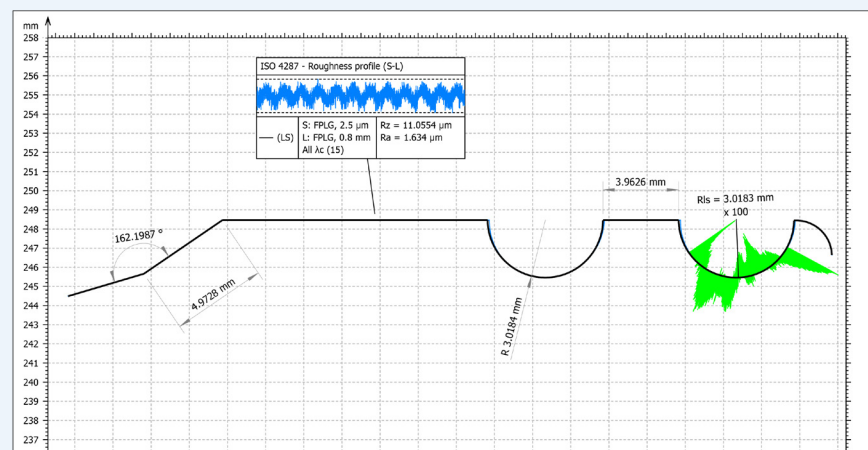- Localised slope (LSLP)

Topography
- 3D mapping
- Structured surfaces

Contour
- Gothic arch
- Precision diameter
- Roller profile and drops
- Angle
- Distance measurement
- Pitch circle diameter (PCD)
- DXF fitting

Critical analysis functions
- Morphological filtering
- Dual Profile
- Data fusion
- Helix angle correction
- Profile patching

Featured 'Webinars On-Demand'

Listen to our experts - Click on the title to view the webinar

NEW

How to check for astigmatism with the PGI Optics

Neil Fitzgibbon
- Business Development Manager (Optics Metrology)

2D measurement using PGI Optics Software

TJ Campbell
- Applications Engineer

NEW

Introduction to Metrology 4.0 software (Session 1)

Greg Roper
- Business Development Manager (Surface)

Introduction to Taylor Hobson training courses

Aidan Stacey
- Senior Customer Service Metrologist

NEW

Roller bearing measurement and analysis

Richard Smith
- Global Applications Manager

Ballscrew measurement and analysis

Richard Smith
- Global Applications Manager

NEW

New features of the Talyrond® 500 HS roundness system

Jon Gardiner
- Senior Business Development Manager

Advanced Harmonics Analysis

Richard Smith
- Global Applications Manager

NEW

AMECARE Support Agreements

Chris Phillips
- Business Development Manager (Global Service)

Introduction to instrument upgrades and accessories

Chris Phillips
- Business Development Manager (Global Service)

www.taylor-hobson.com | **The Metrology Experts**