

Press Release

GOM UK Casting Webinar Series

<22nd & 29th October 2020>

<10am, running for approx. 45 minutes per session>

<Online>

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For Immediate Release to the media

GOM providing 3D Metrology solutions for the Casting & Foundry industry

Within the last few months we have received many questions from the casting & foundry industry about how 3D optical metrology can help optimise their manufacturing processes. GOM Global ran a series of webinars earlier in 2020 to help answer these questions and now GOM UK

Measuring systems from GOM are used in sand, pressure die and investment casting processes to guarantee consistent quality assurance: from simulation verification, via accelerating tool try-out and first article inspection, up to production control and CNC machining. We are running a series of informative webinars covering how experts within the casting industry can use metrology to optimise their production processes.

GOM systems allow for inspection planning based on design data. In pattern and mould making, the targeted correction of tools and models and the inspection of fitting of mould halves, cores and sliders are possible. During try-out, cast parts are checked for shape and dimension: part geometry, material thickness, shrinkage and warpage. All measuring and inspection processes are automated for production quality control.

During our two-part webinar, we will share the functions and features of the GOM software and new developments in 3D metrology based on examples from daily practice.

Session 1

22nd Oct 2020, 10a.m. GMT

3D-Scanning with the latest technology – ATOS Q
Inspection with GOM Inspect Suite
Visualizing casting defects
Mould shift, core shooting error, sand mould assembly error

<https://gom.webex.com/gom/onstage/g.php?MTID=e8b02c78646fdca0b054b3f0270b7b96e>

Session 2

29th Oct 2020, 10a.m. GMT

Statistical approaches
Back projection and tracking
Digital assembly
Automated measurements

<https://gom.webex.com/gom/onstage/g.php?MTID=e82e71fce8d2b29610474d3eac1fd517>

GOM, a company of the ZEISS Group, specializes in industrial 3D coordinate measuring technology, 3D computed tomography and 3D testing. From product development to production and worldwide distribution, GOM offers machines and systems for manual and automated 3D digitizing, evaluation software, training and professional support from a single source. In industries such as automotive, aerospace, energy and consumer goods, more than 17,000 GOM system installations are in use internationally. At more than 60 locations and with more than 1,200 metrology specialists, GOM guarantees profound advice and first-class service. Since mid-2019, GOM has been a part of the ZEISS Group and has formed the Centre of Excellence for optical metrology. With more than 31,000 employees in 50 countries and annual revenue totalling more than 6.4 billion euros, ZEISS is an internationally leading technology enterprise operating in the fields of optics and optoelectronics. (Status: September 30, 2019)