



APM Technologies



| Circle 1 | Normal        | Actual | Dev. | Check |
|----------|---------------|--------|------|-------|
| ○        | 0.10          | 0.04   | 0.06 | OK    |
| ●        | 0.070 (A-B-C) | 0.11   | 0.04 | OK    |

| Distance 3.1.2 | 1. (Normal) | 2. (Act.) |
|----------------|-------------|-----------|
| Avg            | +0.31       | +0.31     |
| Sigma          | +0.01       | +0.01     |
| Min            | +0.28       | +0.28     |
| Max            | +0.33       | +0.33     |

| Cone 7 | Normal         | Actual | Dev. | Check |
|--------|----------------|--------|------|-------|
| ▲      | 0.10 (Plane X) | 0.01   | 0.09 | OK    |
| ●      | 0.10 (A-B-C)   | 0.08   | 0.02 | OK    |
| ○      | 0.04 (Cone B)  | 0.11   | 0.07 | OK    |

+1.43  
-0.22  
-0.71

# Plastics Knowledge Day 2019

Precise industrial 3D metrology along the process chain

gom | certified partner



# Plastics Knowledge Day 2019

The plastics industry supplies innovative products for a wide range of different applications. GOM sets international standards in optical 3D metrology. The Plastics Knowledge Day 2019 brings together specialists from the plastics industry and experts in optical metrology in a free one-day event.

## Knowledge transfer

Experience various optical metrology products for material, tool, component and process optimization and profit from the user knowledge of well-known representatives of the plastics industry.

- Free material
- Help with individual questions
- Introduction to optical metrology

## Industrial meeting platform

Network with representatives of the plastics industry and experts in optical metrology and identify optimization potentials in your product development and production.

- Individual exchange of ideas
- Personal contacts
- Worldwide venues

**April 18, 2019**

9:00 a.m. to 3:00 p.m.

Hotel Pllazio, Sector-29, Gurugram  
Delhi-NCR

**May 14, 2019**

9:00 a.m. to 3:00 p.m.

Courtyard by Marriott  
Chakan Pune

**July 25, 2019**

9:00 a.m. to 3:00 p.m.

Chennai

We look forward to  
your registration at  
[www.gom.com/knowledge-day/in](http://www.gom.com/knowledge-day/in)





## Worldwide Event Series

Austria • Brazil • China • Croatia • Czech Republic • Denmark • France • Germany • Hungary • India • Italy • Japan • Malaysia • Mexico • Netherlands • Poland • Portugal • Romania • South Africa • South Korea • Spain • Sweden • Switzerland • Taiwan • Thailand • Turkey • UK • USA • Vietnam

# One Day with Four Formats



**Presentations** – Two presentation blocks are planned for the first introduction to optical metrology and for advanced applications, such as the virtual clamping of parts.



**Knowledge Tracks** – Practical applications, such as the handling of GD&T or the use of optical metrology in toolmaking, are imparted in four Knowledge Tracks.



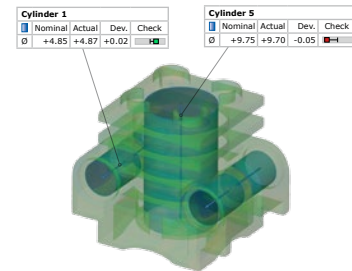
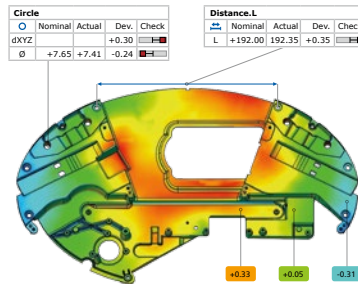
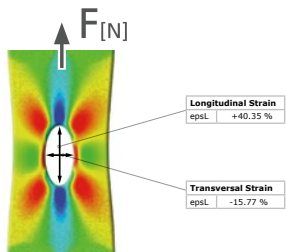
**Expert talks** – Communication islands offer the opportunity to get to know the functions and features of the GOM software or new developments in 3D metrology based on examples from daily practice.



**Industrial meeting platform** – The Plastics Knowledge Day 2019 offers a platform for the exchange of user knowledge from plastics technology and optical metrology.

# 3D Metrology in Plastics Processes

In plastics process chains, 3D metrology supports and accelerates almost all areas: from determining material behavior via toolmaking up to series accompanying production control and trend analyses.



## Material technology

Determining material characteristics as basis for CAD and CAE

Optimizing the material choice

Incoming goods inspection

## Product development

Warpage and shrinkage analyses

Targeted tool corrections

Virtual clamping instead of expensive fixtures

## Processing technology

3D measurement planning and inspection on PMI data set

Series accompanying quality control

Virtual assembly



**APM Technologies**

[www.apmtech.in](http://www.apmtech.in)

APM Technologies has been associated with GOM since 1999 selling GOM products in India. The company is headquartered in Delhi with branches in Pune and Bangalore, and has 38 employees. The APM team is trained to handle pre-sales selection of scanners, installations and training of users as well as support requirements. The APM facilities include ATOS & TRITOP systems at Delhi, Pune and Bangalore offering demos and benchmarking. APM has a CAD Centre in Delhi including Pro-E Creo, Unigraphics, Catia and Solidworks.



[www.gom.com](http://www.gom.com)

GOM is a global manufacturer that develops, produces and distributes software, machines and systems for industrial and automated 3D coordinate measuring technology and 3D testing.

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