



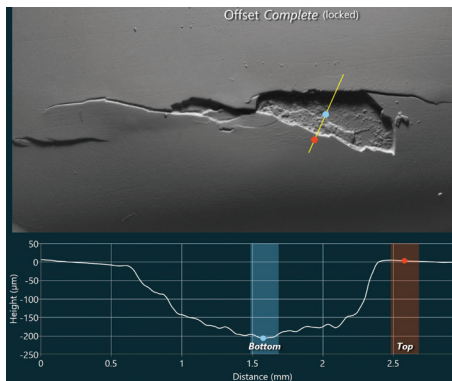
GelSight Mobile™ 0.5X

High-resolution, non-destructive 3D imaging and measurement

GelSight Mobile™ is a handheld instrument that precisely visualizes and measures the 3D topography of any surface, revealing microscopic structures in real time. It allows fast, easy measurement in situ and detailed analysis on the shop floor, without destruction or component disassembly.

Breakthrough Digital Touch technology

GelSight's unique elastomeric sensor technology conforms to the topology of any surface, providing instant 3D visualization and measurement of surface structures at micron level.



Offers greater versatility for measuring smaller surfaces or working in tight spaces with new, smaller probe.



Accurate

Provides extremely detailed, highly accurate and repeatable, micron-level measurements in three dimensions.



Portable

Ergonomic, handheld unit allows convenient use on the shop floor or in the field.



Fast

Provides 3D visualization and measurements within seconds.



Versatile

Inspect and measure any material—metal, glass, carbon fiber, skin—including reflective, transparent and translucent surfaces.

Improve productivity for a range of tasks

- Inspecting components for production and maintenance
- Measuring scratches, dents, defects, fastener flushness, panel gaps, and more
- Analyzing surface texture
- Inspecting welds
- Forensic analysis/ballistics

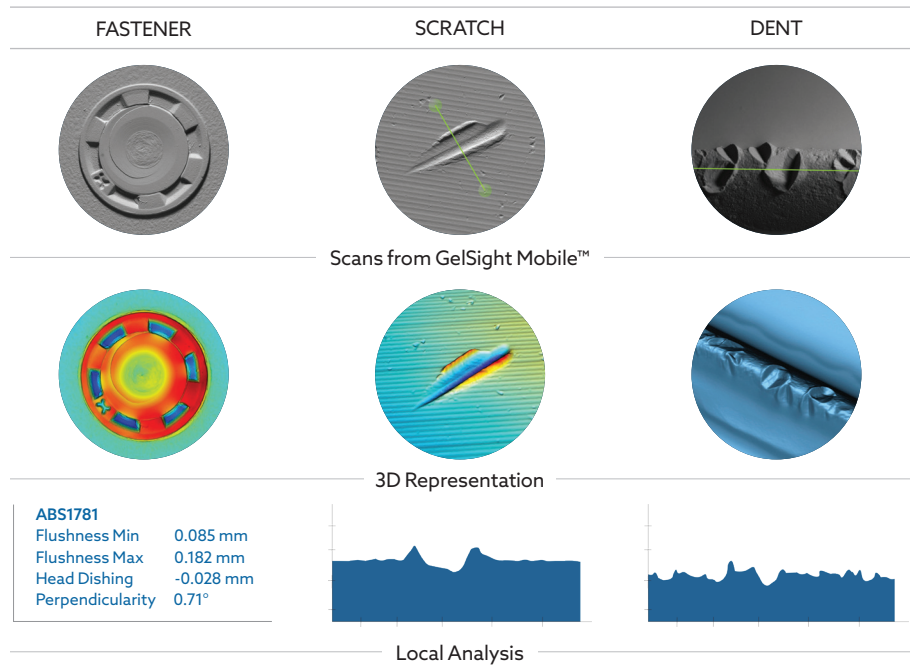
How GelSight Mobile™ works

Elastomeric imaging

Elastomeric sensor conforms to the surface topology, revealing detailed features regardless of lighting conditions or reflectivity. Surface detail is displayed in real time.

3D measurement

A 3D depth map is calculated from images of the surface, providing position, depth and other derived surface measurements at a high resolution.



Specifications

Dimensions	5 cm x 15.5 cm
Weight	400 g
Resolution	5MP camera, 6.9 µm pixel size
Field of view	16.9 mm x 14.1 mm
Z Sensitivity	< 1 µm
Capture speed	100 ms
3D data speed	available in seconds
Interface	USB-C to tablet or laptop



Aerospace



Automotive



Forensics



Additive
Manufacturing



Research &
Academia



Robotics