



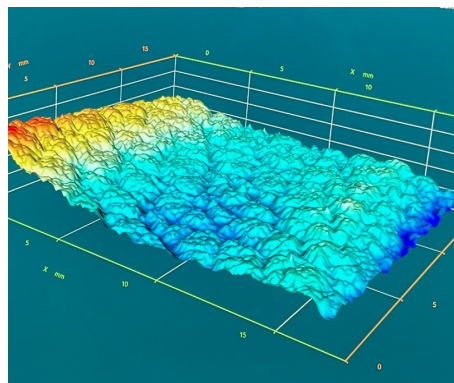
GelSight Mobile™ Series 2

High-resolution, non-destructive 3D surface analysis and inspection

The GelSight Mobile™ Series 2 is a portable, handheld surface analysis solution that immediately quantifies any surface material at any workflow location, regardless of composition, reflectivity, or transparency. Its precise, repeatable, in-situ measurement capability eliminates false failures and saves thousands of dollars and man-hours per year in unnecessary scrap, re-work, down-time, and/or poor yields.

Breakthrough Digital Touch technology is Industry 4.0 and Quality 4.0 ready

Unlike manual, mechanical, or optical measurement technologies, GelSight's patented elastomeric sensor technology conforms to the topology of any surface, providing instant 3D visualization, measurement, and analysis of surface textures and defects at the micron level. Automated process workflows are enabled by external triggering, remote mounting, pass/fail test routines, stl /.csv outputs, and immediate .pdf report generation.



The GelSight Series 2 offers greater versatility for measuring smaller surfaces, concave shapes, or working in tight spaces with a new, smaller probe.

Improve productivity across a wide range of workflows

- Quality Inspection, Quality Control, and Reliability
- Field Installation and Acceptance
- MRO (Maintenance & Repair Operations), and Sustainment
- Research & Development



Accurate

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



Portable

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



Fast

Provides 3D visualization and measurements within seconds.



Versatile

Inspect and measure any material—metal, glass, carbon fiber composite, plastic, painted, fabric—including reflective, transparent and translucent surfaces under any lighting conditions.

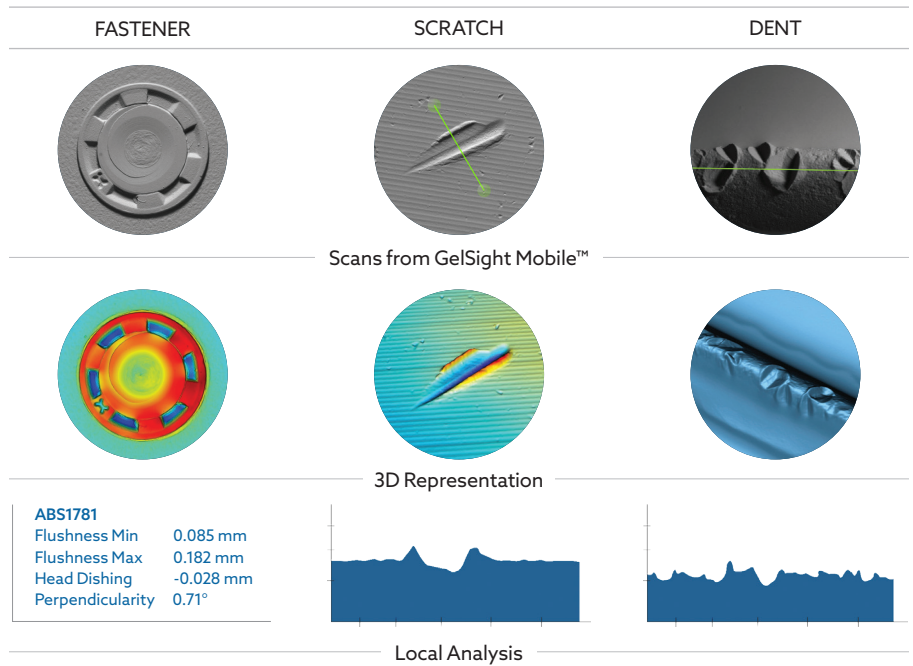
How GelSight Mobile™ Series 2 works

Elastomeric imaging

GelSight's patented 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



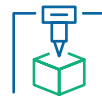
Aerospace



Automotive



Forensics



Additive
Manufacturing



Research &
Academia



Oil & Gas