

SENSOR PRODUCTS SERVICES

In-House Analysis

Put away your torque wrenches, calibration equipment, micrometers and load cells!

Sensor Products now introduces our new in-house surface stress analysis service. All you need to do is send your part, machine, fixture or assembly to us and we'll do the rest. Via video-conferencing you can view the results of our analysis practically in real-time.

By applying our sophisticated arsenal of surface stress measuring instruments in conjunction with our 23 years of combined surface stress analysis experience, we can tackle the most complicated projects. We can perform the testing that might cost you hours of time to set up and perform. Any application or project where two surfaces are mating, compressing or impacting will stand to benefit from our comprehensive assessment and analysis services.



We test and measure contact pressure distribution for a wide variety of applications and processes. Some examples are listed below:

- airflow
- body mapping
- bolted joints
- circuit boards
- clamping
- door seals
- gaskets
- heat seals
- heat sinks
- impacts
- injection molding
- lamination
- nip impressions
- presses
- squeegees/wipers/doctor blades
- tires
- wafer polishing

Upon completion of the testing and analysis, we provide you with:

- Detailed reports
- Video of our testing protocol
- Advice and guidance from our expert technicians
- Graphic images and statistical analysis generated by our electronic stress analysis sensor systems