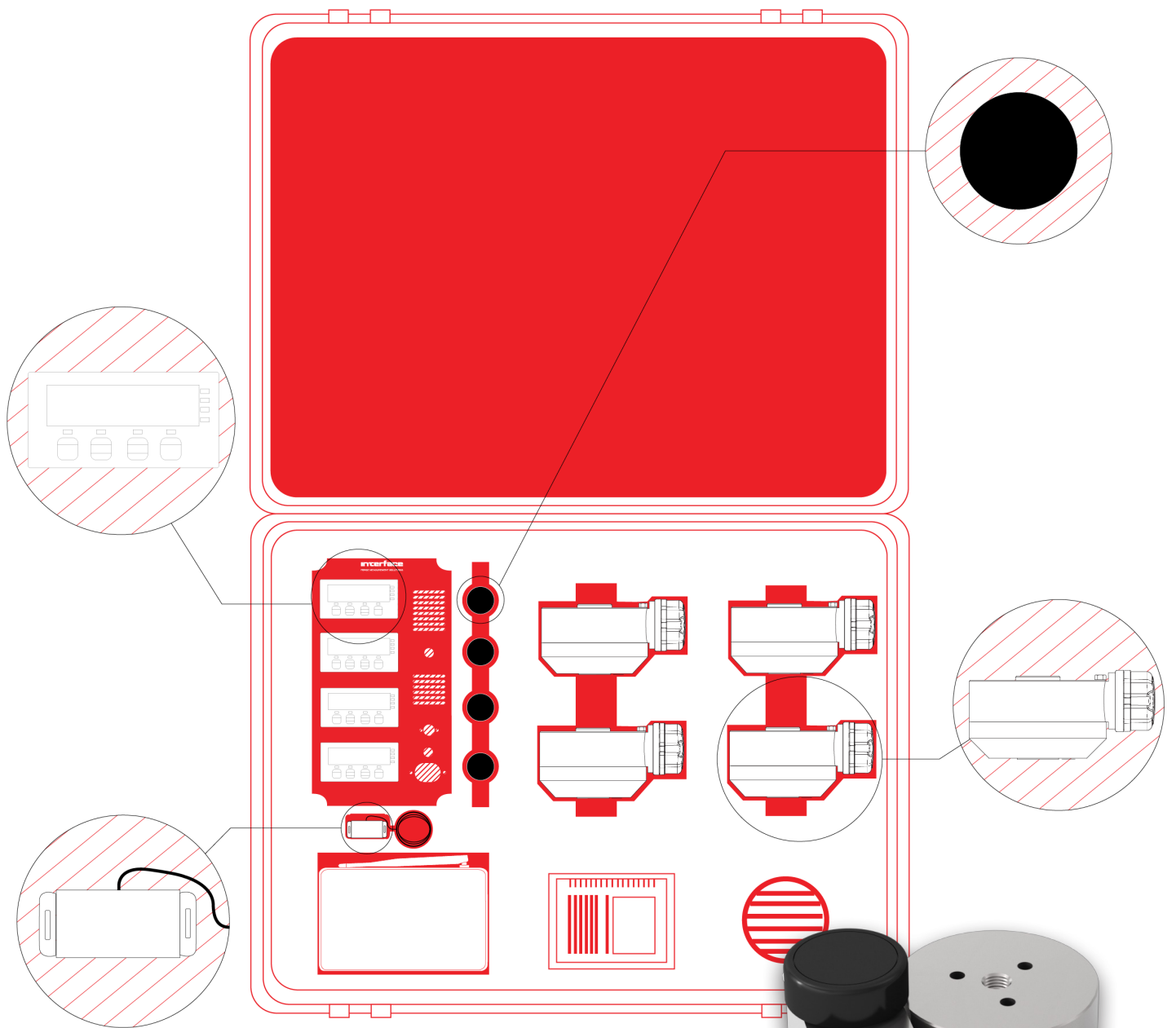


Interface

Custom Solutions



Custom Solutions

Custom solutions from Interface are guaranteed with the same level of quality as our standard products and services, just as we have been doing as the industry leader for more than a half century.



If we build it, we can customize it!

Interface **Custom Solutions** empowers you to utilize our expert engineering, design and manufacturing teams to build custom force and torque applications that meet your exact needs with precision. It's what we have been doing for more than 50 years.

Our robust capabilities include customization of complete solutions, designed with FEA (finite element analysis), as well as proprietary Interface strain gages. All are done in our state-of-the-art machine shop headquartered in the US, supported by our world-class assembly and calibration. Most important, our **Custom Solutions** follow all industry leading quality standards that deliver precision-based accuracy measurement solutions.

Industry Leading Quality

Interface is celebrated for meeting and exceeding the quality needs for our customer's projects. Our products are built in accordance with A2LA, International Standard ISO/IEC 17025:2005 and ANSI/NCSL Z540-1-1994. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system.

Our Custom Solutions Team of engineers and force measurement experts are here to help you get a product that meets your exact needs. Visit www.interfaceforce.com and go to the Custom Solutions page on our site to tell us more about your precise requirements. We are ready to help!



Solution Capabilities

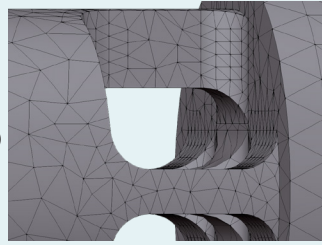
- Design
- Sensor Body Manufacturing
- Strain Gaging
- Assembly
- Calibration & Verification
- Instrumentation
- Full System Solution

Custom Solutions

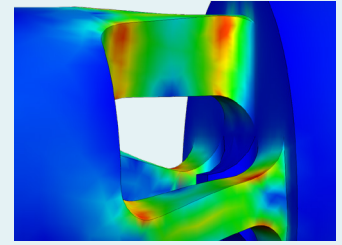
Simple Modifications to Complex Product Design

Designed with FEA (Finite Element Analysis)

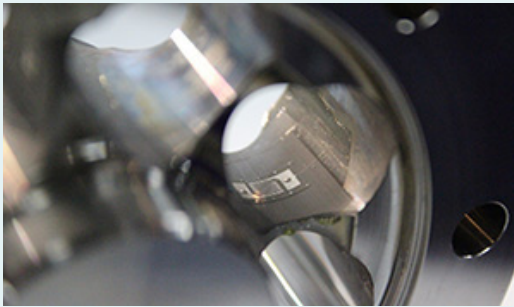
Interface engineers use finite element analysis (FEA) to reduce the number of physical prototypes and optimize components in the design phase. The result is to develop better products in the fastest time possible.



FEA Mesh



FEA Simulation



Proprietary Interface Strain Gages

At Interface, we manufacture our own strain gages. These strain gages are made from a unique proprietary alloy. Our engineers will create a strain gage design that will optimize the performance of your custom transducer.

State-of-the-Art Machine Shop

At Interface, we manufacture our own strain gages. These strain gages are made from a unique proprietary alloy. Our engineers will create a strain gage design that will optimize the performance of your custom transducer.



Assembly and Calibration

Interface team members are industry experts who have assembled and calibrated force and torque transducers for many years.

You can be sure that when your product is made by the Interface team, it will be reliable and meet the needs of your application for years to come.



High Performance Instrumentation

- Speeds up to 48 kHz
- Nonlinearity as low as 0.0025% full scale
- Integrated or external
- 5 VDC, 10 VDC, 4 - 20 mA analog outputs
- USB, ASCII, CANbus, Modbus, and EtherCAT and more digital outputs
- 2.4 GHz wireless
- TEDS Transducer Electronic Data Sheets
- Displays, data acquisition, and more



Complete Solutions

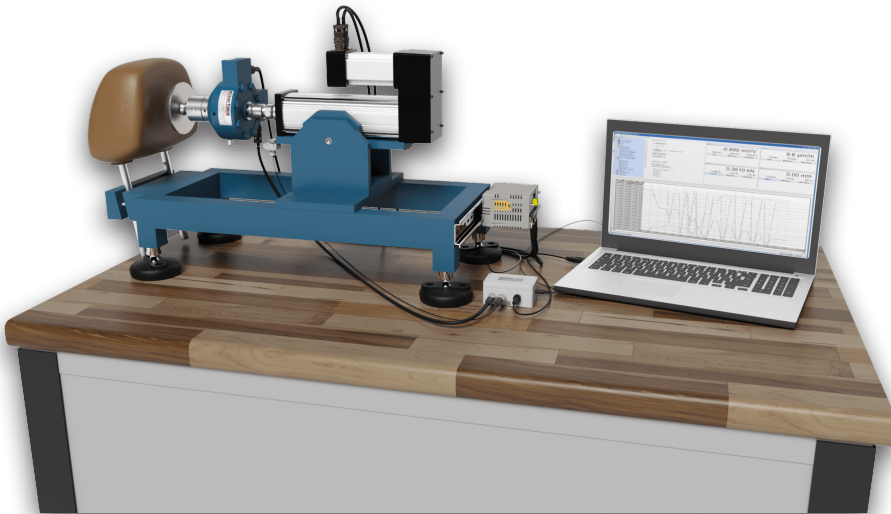
Interface's experienced team are renowned specialists in force measurement manufacturing and technology. Our depth of knowledge and wide range of capabilities help to create custom solutions of all types, whether special transducers made to your exact specifications or complete customized sensor, instrumentation, and software systems.

We collaborate with you to ensure your specifications are designed to meet your exact use requirements.

Designing a complete force measurement solution is what we know and what we do exceptionally well. It is possible because we have a full team of experienced electrical, mechanical and software engineers dedicated to customized design, testing and validation. Interface can integrate custom, standard and even third-party products to meet the precise requirements of your specific application.

Ready to get started? Request a Custom Solution

Our expertly-trained Application Engineers and global representatives are available to help you get the exact products and services you need. You can request a quote online or work with our experienced design team to customize the exact force measurement solutions to meet your precise requirements. For sales, service, or support go online at www.interfaceforce.com or call 480-948-5555.



Custom Solutions

- Load Cells
- Torque Transducers
- Wireless Telemetry Solutions
- Multi-Axis Sensors
- Strain Gages
- Test Stands
- Instruments
- Accessories
- Testing Software

If you know what you need and are ready to talk to our custom applications engineer today, email or call today!

To learn more about the Interface custom solutions provided call 480-948-5555.

Interface is the world's trusted leader in technology, design and manufacturing of force measurement solutions.

Our clients include a "who's who" of the aerospace, automotive and vehicle, medical device, energy, industrial manufacturing, test and measurement industries.

Interface engineers around the world are empowered to create high-level tools and solutions that deliver consistent, high quality performance. These products include load cells, torque transducers, multi-axis sensors, wireless telemetry, instrumentation and calibration equipment.

Interface, Inc., was founded in 1968 and is a US-based, woman-owned technology manufacturing company headquartered in Scottsdale, Arizona.