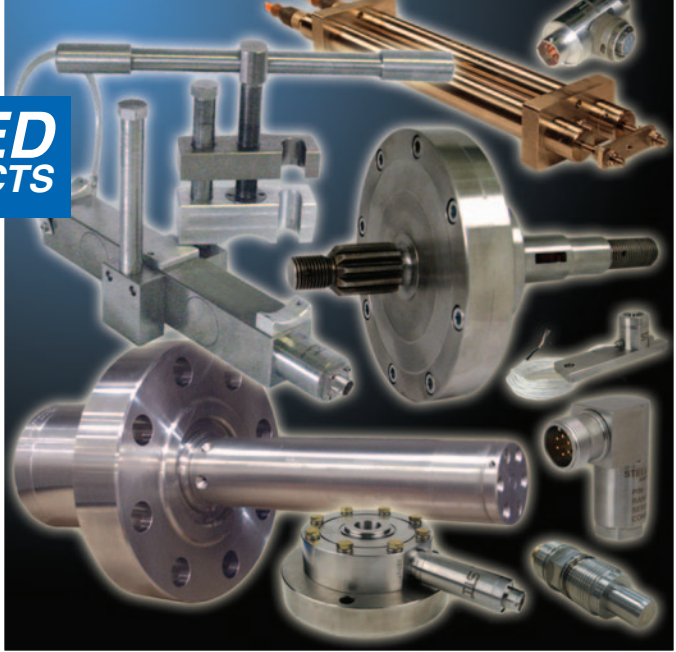


CUSTOM ENGINEERED PRODUCTS



stellartech.com



Pressure, Load/Force/Torque, Displacement, and Temperature Sensors

Custom Engineered Solutions



Pressure Sensors

Load Cells, Force Sensors, Reaction Torque Sensors

WHAT We Do For Our Customers

“Custom-Engineered-Specials” can have many meanings;

- Modifying or customizing an existing standard product
- A new product configured from exiting standard parts and subassemblies
- An application specific or purpose-built product requiring special features
- A one-time & one-of-a-kind design
- A first-time design requiring close interaction between Stellar Technology’s design engineers and the customer’s engineers
- A customer proprietary sensor solution requiring NDA’s between Stellar Technology and our customer

Stellar Technology takes pride in providing customers with this broad range of “special” possibilities. Our business model is based on a “high-mix/low-volume” strategy and we have structured our resources to support this strategy. Stellar Technology welcomes the opportunity to provide special sensor solutions.

Our Specialty...

**CUSTOM
ENGINEERING**

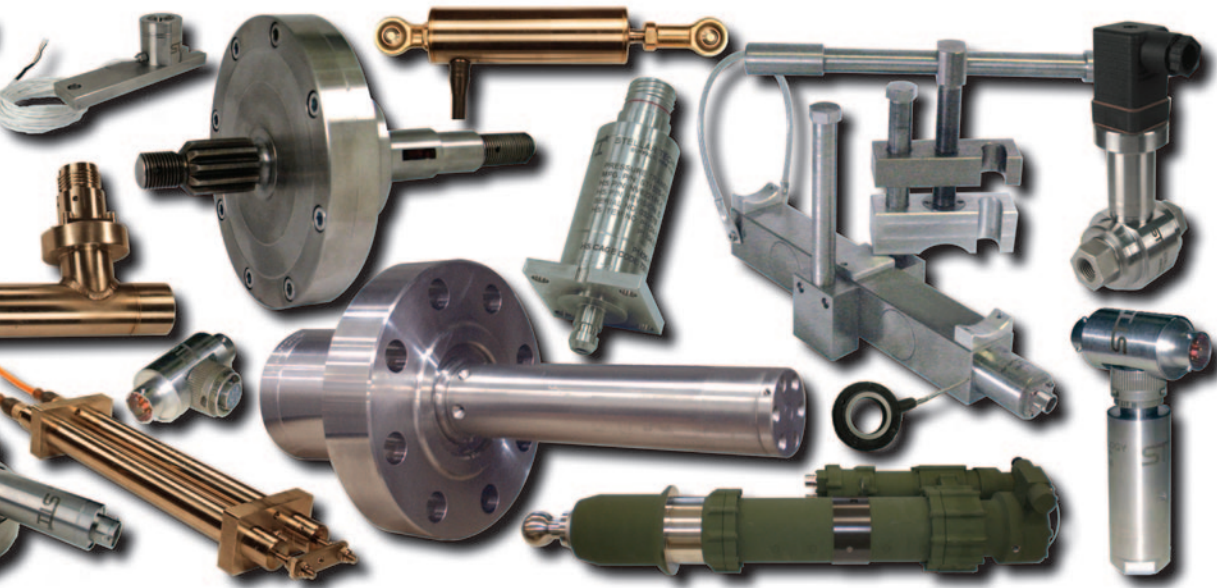
- ✓ SPECIALS
- ✓ CUSTOMIZED
- ✓ ONE-OF-A-KIND
- ✓ APPLICATION SPECIFIC
- ✓ CUSTOM ENGINEERED
- ✓ CONFIGURABLE FROM STANDARD



The above definitions comprise what is considered “custom-engineered-special products”. Each requires varying degrees of engineering design expertise and manufacturing capability. And... each represents WHAT we do for our customers.



Custom Engineered Solutions



LVDT Displacement Sensors

Temperature Transducers and Transmitters

HOW We Help Our Customers Succeed

Stellar Technology's ability to provide "Custom-Engineered-Special" products can be defined with one word: "Capabilities". This is HOW we execute our high-mix/low volume strategy. It takes experience, know-how, commitment, and well-structured resources to provide customers with such a high percentage of engineered-to-order special products. By forging our sales, engineering, manufacturing, quality, and administrative capabilities into a flexible and responsive enterprise, we provide our customers with a unique capability in providing special sensor solutions.

Sales Capabilities:

- Experienced technical sales professionals located in your area
- Direct link to STI design engineers
- Knowledgeable inside sales engineers
- Complete pre-sales application review process
- Facilitate technical Lunch & Learns at customer's site

Engineering Capabilities:

- Design engineers with years of practical sensor application experience
- Specialists in mechanical, electronic, and software design
- Innovative design and simulation tools
- ISO9001 registered documentation and control
- Work directly with customer's engineers
- Creative solution providers

Service/Support Capabilities:

- Complete repair and recalibration (including non-STI manufacturers)
- Rapid-response on-site technical field support
- Ready access to regional sales offices
- Order status and expediting
- Direct access to STI's design engineers
- 24 hour web access to technical manuals

Manufacturing Capabilities:

- Complete vertical integration (raw material through final calibration)
- 18 CNC machines (up to 8-axis)
- Wire and probe EDM machining
- Laser and TIG welding
- Ultrasonic cleaning
- Micro assembly
- Automated pressure compensation and calibration
- 5 load cell calibration systems (to 600,000 lbf)
- 1,000,000 inch-lbf reaction torque calibrator
- Hydrostatic pressure testing
- High-reliability/traceability assembly and test area
- Comprehensive inventory of raw materials
- Finished goods inventory programs (standard and customer-specific)

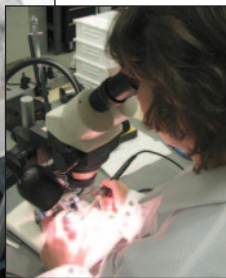
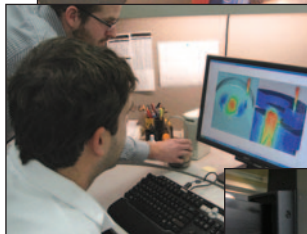


Call: **716.250.1900**



Capabilities

Stellar Technology designs and manufactures a comprehensive offering of pressure transducers/transmitters, load cells, force sensors, torque transducers, temperature transmitters, and displacement sensors used in test and measurement applications across a wide range of industry sectors including aerospace, oil and gas, marine/oceanographic, automotive, medical, industrial automation, geophysical, power generation and many more.



Why Stellar Technology? What causes specialists to choose Stellar Technology sensors for their application solutions?

One word: Capabilities.

Stellar Technology combines sales capabilities, engineering capabilities, manufacturing capabilities, and service/support capabilities into one focused business objective:

Provide the customer with the optimum sensor solution.

Sales Capabilities:

- Experienced technical sales professional located in your area
- Direct link to Stellar Technology's design engineers
- Knowledgeable inside sales engineers
- Complete pre-sales application review process
- Facilitate technical Lunch & Learns at customer's site

Engineering Capabilities:

- Design engineers with years of practical sensor application experience
- Specialists in mechanical, electronic, and software design
- Innovative design and simulation tools
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- 1,000,000 inch-lbf reaction torque calibrator
- High-reliability/traceability assembly and test area
- Comprehensive inventory of raw materials
- Finished goods inventory programs (standard and customer-specific)

Service/Support Capabilities:

- Complete repair and recalibration (including other manufacturers)
- Rapid-response on-site technical field support
- Ready access to regional sales offices
- Order status and expediting
- Direct access to Stellar Technology's design engineers
- 24 hour web access to technical manuals

Your Application-Solution SourceSM



ISO 9001/AS9100

Due to the nature of technology, changes are inevitable. For latest technical specifications, see our website.

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