

[stellartech.com](http://stellartech.com)



**STL**  
STELLAR TECHNOLOGY  
INCORPORATED

Pressure / Temperature / Load Instrumentation  
Analog and Digital Transducers & Transmitters

TRANSPORTATION

## Products

### Pressure



- 0-1 PSI to 100,000 PSI
- Gage, Absolute, Differential, Vacuum, Compound
- Analog Outputs of 4-20 mA, 3/4 Wire Voltage
- Digital Outputs of Modbus, Canbus, RS-232, RS-485
- Stainless Steel or Exotic Material Construction

### Temperature



- -320°F to 800°F
- Pressure Rating to 10,000 PSI
- Analog or Digital Signal Outputs
- Probe Lengths to 12"
- Dual Pressure/Temperature Output Units

### Load



- 5 lb. to 1,000,000 lb.
- Tension / Compression
- Pancake, Rod End, Miniature, Thru Hole, Beam, Canister
- mV/V or Amplified, Analog or Digital
- Stainless Steel, Tool Steel, Aluminum, others
- Multiple Bridge Outputs

# Applications

## Vehicle Testing

- Proving Ground Testing
- Chassis Tests
- Heating/Cooling Temperatures
- Under-the-Hood Testing
- Brake Systems



## Engine Testing

- Engine Diagnosis
- Diesel Injectors
- Fuel Rail
- Intake Air Flow
- Fuel Injection
- Cooling System Testing



## Power Train Testing

- Engine Test Stands
  - Automotive
  - Trucks
  - Off-Road Vehicles
  - Marine
  - Recreational
- Transmission & Clutches
- Dynamometers
- Axles & Half-Shafts



## Production Line Process Control

- End-of-Line Test Stations
- Metering & Dispensing
- Robotic Assembly
- Leak Testing
- Valve Guide & Seat Insertion
- Fluid Level Monitoring
- Quality R & R

## Components

- Fuel Pumps
- Towing Components
- Shock Absorbers
- Brake Lines
- TurboCharger Performance
- Oil Pump Tests
- Hydraulic Systems

## Custom Design and Manufacturing

- Order Size: 1
- Rapid Turnaround
- Direct Engineering Support
- Flexible Manufacturing



# Capabilities

# Design, Engineering and Manufacturing



Stellar Technology engineers and manufactures pressure, temperature and load sensors for a variety of applications - from satellites and space vehicles... to oil and gas exploration... to routine industrial measurements. Since 1991, the company has grown from providing standard sensor configurations into one of the few sensor manufacturers in the market today that will custom design a sensor configuration to most closely match a specific application.

**Your "Application-Solution<sup>SM</sup>" Source**, our company slogan, illustrates our distinct niche in being able to provide a tailored solution for these highly specialized applications.

With a staff of highly trained application and design engineers, along with a 50,000 square foot production facility located in Amherst, New York, Stellar Technology has the capabilities to offer customers, both small and large, sensors that meet their measurement requirements. Manufacturing at STI has been configured to build a single custom sensor quickly and efficiently or serve the on-going needs of OEM. A tour of the manufacturing facility shows the latest CNC machining equipment, a thorough inspection process, and automated test equipment - with an overall mindset of building the best sensors available on the market today.

***Because Stellar Technology Controls the Total Manufacturing Process, You're Assured of Reliable Products that Adhere to the Highest Standards.***

**Visit Us at:**  
**[stellartech.com](http://stellartech.com)**  
**for...**

- **Product Data Sheets**
- **Product Hi-Lite Sheets**
- ... And More!**



Copyright © 2007 Stellar Technology Inc.  
P/N 218643A

ISO 9001:2000

237 Commerce Drive • Amherst, NY 14228 • USA  
**Tel:** 716.250.1900 • **Fax:** 716.250.1909  
**Email:** [info@stellartech.com](mailto:info@stellartech.com)

