

Efficient Sensing...



Harsh Electronics

**STANDARD AND
CUSTOMIZED
SOLUTIONS FOR
TEMPERATURE
SENSORS**



RTDs | Thermocouples | Thermowells | Comp. Cables
Gauges & Accessories | Process Instruments

Reg. Office : 1, Narayan Chambers, Revabhai Estate, Sitaram Way Bridge,
Opp. Nr. Maruti Cinema, Ahmedabad.

Phone : +91-77788 98374, +91-9106292308

E-mail : harshelectronics2019@gmail.com



FACILITIES



Welding & Brazing

- Oxy-Acetylene Set
- TIG Welding Machines
- Brazing Machine
- Spot Welding Machine

Machines

- Manual Lathe Machines
- Drill Machines
- Cutting Machine
- Grinding Machines
- Polishing Machines
- Milling Machine
- Curing Oven
- Deburring Machine
- Labeling Machines

Testing & Calibration

- Universal Calibrator
- Insulation Resistance Tester
- Calibration Baths (Oil & Dry)
(Range : Ambient to 1200°C)
- Universal Digital Controllers
- Digital Ohm Meter/Volt Meter
- Digital Multimeters
- Master Sensors
- Mechanical Checks
(Lengths, Vernier Calipers, Thread Gauges)

TEMPERATURE SENSORS

Motors | Generators



TEMPERATURE SENSORS

Chemical | Pharma | Dairy | Food



APPLICATIONS

- Storage Tanks, Vessels, Reactor
 - Oil and Gas Pipelines
 - Water, waste-water Treatment
 - Sanitary Applications
 - Laboratory Testing Equipments
 - Cold storage Industries
- Autoclave & Tunnel Validation
 - Cleaning & Sterilization Applications
 - Deep Freezing Applications
 - Thermal Mapping
 - Room Temperature Monitoring
 - Pipe line Temperature Measurement



Weatherproof RTD Sensor



Flamperooft RTD Sensor



Weatherproof RTD with N-U-N Extension



Teflon Coated RTD for Acid and Alkali Applications



Mineral Insulated RTD



Sanitary RTDs



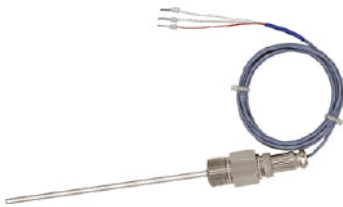
RTD with Triclover Connection



Penetration Probes



Transition Joint RTD Sensor



Sensor With Connector for Quick Disconnect



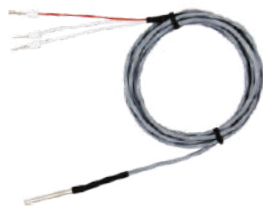
Validation Thermocouples



Portable RTD Hand Probe



RTD for Autoclave Validation



Miniature RTD for Deep Freezer or Lypholizer



Autoclave RTD



Stick On sensor for Surface Temperature Measurement

TEMPERATURE SENSORS

Power | Metal | Cement | Casting | Forging



APPLICATIONS

- Boilers, Heaters & Generators
- Rolling Mills, Sinter Plants
- Blast Furnaces, Preheaters
- Kiln Applications
- Casting & Heat Treatment Furnaces
- Refinery & Petrochemical Plants
- Non - Ferrous Metals
- Road Construction Equipments



Mineral Insulated Thermocouple



Thermocouple For Boiler



MI Thermocouple with Connector



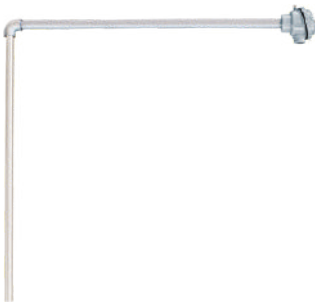
MI Thermocouple with Extension Cable



Ceramic Tube Thermocouple
for Temp. Upto 1600 °C



SiC Tube Thermocouple



Thermocouple for Salt Bath



Angular Thermocouple for Molten Metals



Standard RTD / T/C for
High Temperature Applications



MI Thermocouples for Tube Skin Temperature Measurement



Thermocouple with Hardened Tip for
Abrasive Environment

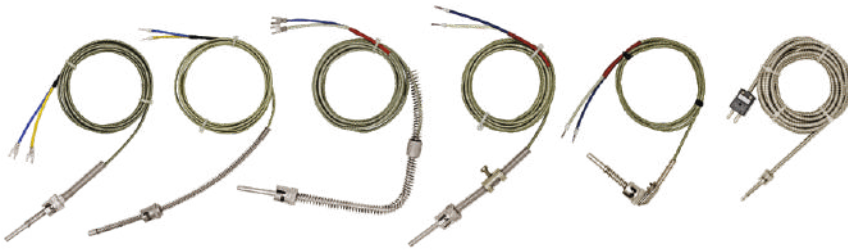
TEMPERATURE SENSORS

Plastic | Packaging



APPLICATIONS

- Extrusion Plants
- Auxiliary Equipments
- Barrels & Nozzles
- Chillers & Dryers
- Dies & Manifolds
- Packaging Machines
- Hot Runners, Hot Melt, Heat Tracers
- Blow Moulding, Injection Moulding Machine



Bayonet RTDs / Thermocouples



Surface Mount Thermocouple / RTD



RTD / T/C with Stopper



Melt Bolt Thermocouples



RTD / T/C for Dies, Manifolds and Packing



Nozzle Thermocouples



Angular RTD for Dryers and Chillers



Leaf Type Hand Probe for Surface Temperature Measurement

TEMPERATURE SENSORS

Textile



APPLICATIONS

- Stenter Machines
- Thermopack, Boilers
- Finishing Machines
- Jet, Jigger, Dek, Yarn Dyeing Machines



RTDs for Jet, Jigger Dyeing Machines



RTDs for Stenter, Printing Machines



RTDs for Biker Dyeing



RTD for Surface Temperature Measurement of Roller



RTD for Calender, Zero-Zero Machine

THERMOWELLS



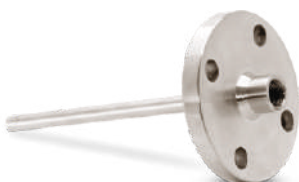
Fabricated T/W with Process Connection



Fast Response Stepped Bar stock T/W



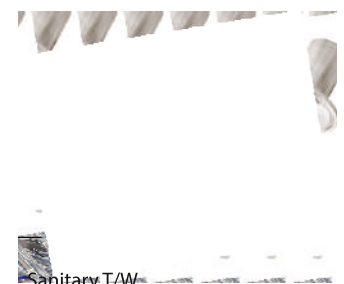
Bar stock Tapered T/W



Flanged Thermowell



Socket-weld/ Weld-in T/W



Sanitary T/W

Gauges & Accessories



Pressure Gauge, Temp. Gauge, Accessories

Humidity Sensors & Transmitters



T+Rh Sensors

Digital Instruments



Indicators, Controllers, Jumbo Display, Temp. & Pressure Transmitters

Cables & Connectors



RTD, Thermocouple Comp. Cables, Connectors