

Your Strongest  
Link in  
Temperature  
Control Chain



Thermocouples • PRTDs (PT-100) Sensors • Thermowells • Process Fitting • Cables





## MI AND INDUSTRIAL ASSEMBLIES

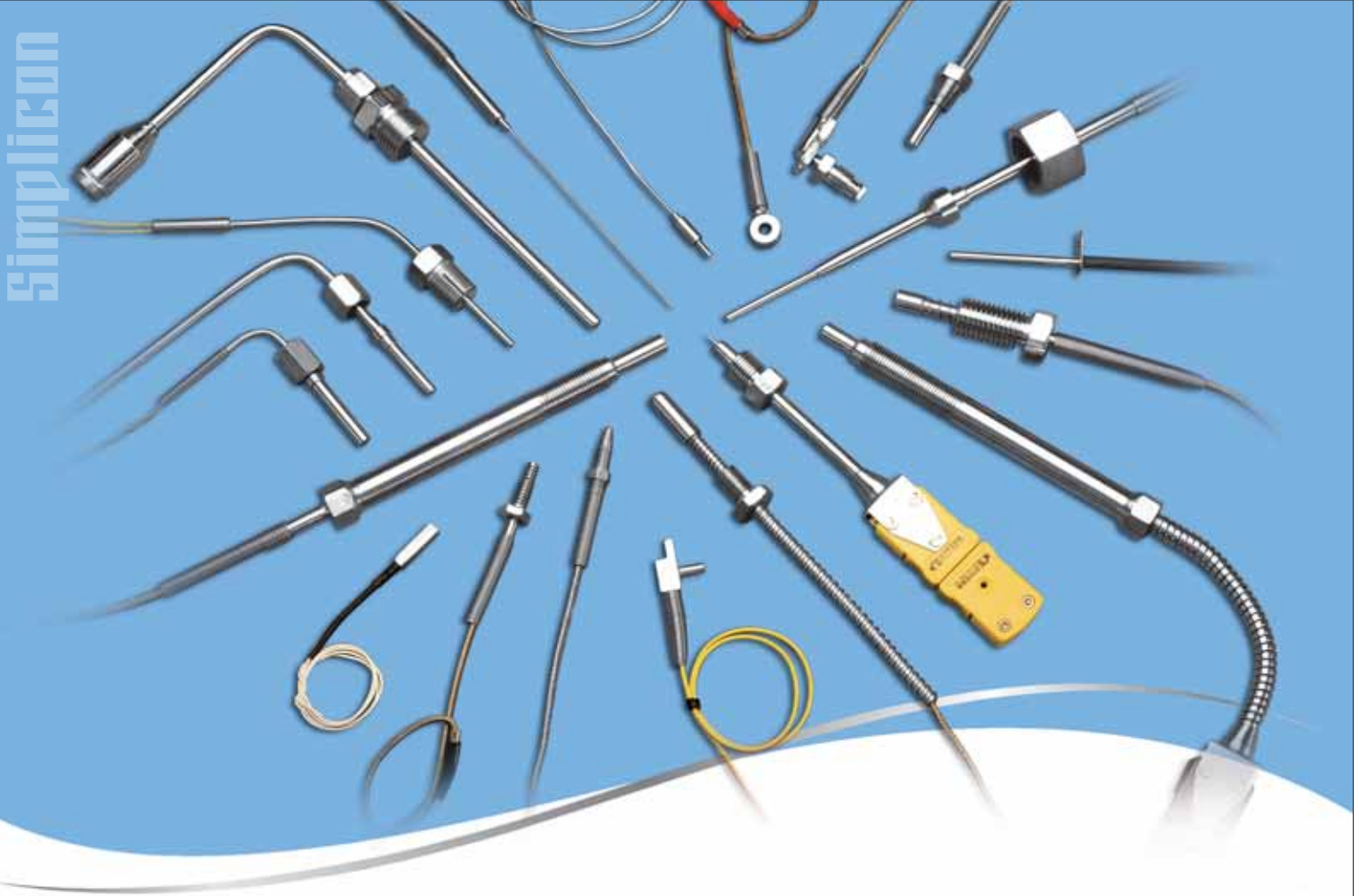


Speres accessories

- Cryogenic Applications
- Acid temperature
- Air, flue, Exhaust Gas Temperature probes
- Liquid (also high pressure) temp. Sensor
- Rotating, moving & stationary Surface temperature measurements
- With Triclover and other sanitary fittings
- With welded /adjustable Flange
- Nipple - Union - Nipple fittings
- Custom Designs

### **Terminal Head:**

Pressure Die Cast Aluminum Powder Coated with SS chain, SS head, GI head small head, Flame proof / Weather proof type IP65, 67, 55



## THERMOCOUPLES - PRTDs SENSORS FOR



Spere accessories

### Type

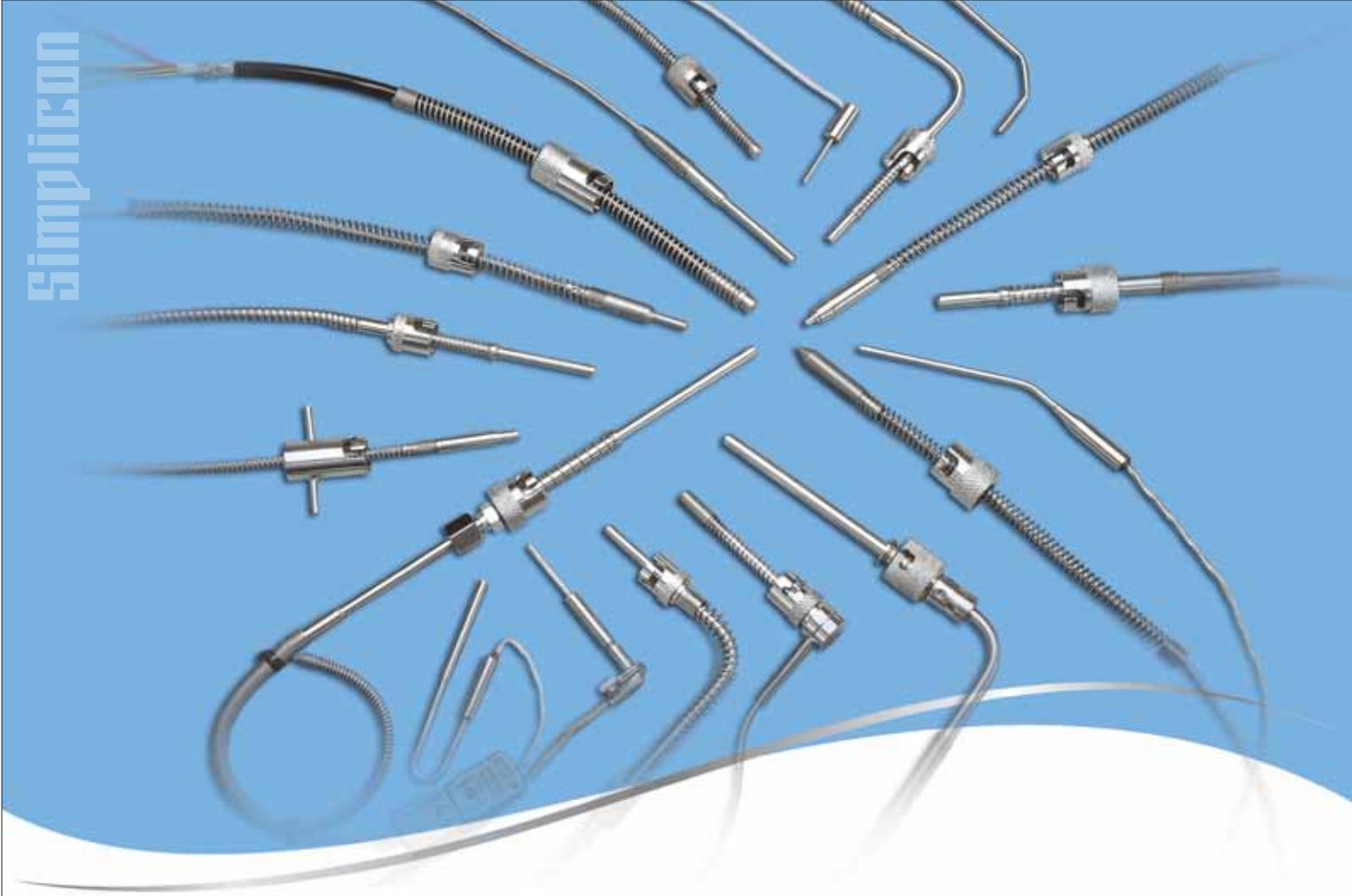
- Rigid Stem and Flexible Metal Sheathed (M.I.) construction
- As per ANSI / IEC / DIN / IS / BS standards
- Vibration-proof & non breaking lead wire designs
- Large varieties of sensors in custom shapes and sizes
- Copper / S.S. pad and tip sensors
- Cables with SS and GI conduits (Armour) and screens (SS or copper) available

### Diameter

- Thermocouple: From 1mm onwards
- PRTD: From 1.6 mm onwards

### Length

- From 2mm onwards in thermocouples
- From 5mm onwards in PRTD's



# PLASTIC - RUBBER TEXTILE - OTHERS



Speres accessories

## Plastic Industry

- One of the largest varieties of Bayonet type sensors
- Mineral Insulated (M.I.) in standard and bayonet type
- M.I. Thermocouples for nozzle heaters
- High Temperature sensors for very high speed cutting and sealing machines

## Textile Industry & Rubber Industry

- Largest varieties for press & Die and Mould sensors
- Hot godet, Primary & secondary heater sensors
- Sensors for Draw Twisting machine, Texturizing, Jet Dying, Stenters and others



## THERMOWELLS

- Bar stock construction
- Welded (Tube stock) construction
- Thermowells with replaceable sleeves of special material like Nickel 200, Monel 400, etc.

## Compensating and Extension Cables

- |              |  |
|--------------|--|
| Construction | : Single / Multi strand  |
|              | : Single pair / Multi pair   |
| Screen       | : Individual or overall G.I. Copper / SS                                       |
| Armour       | : GI round wire / Flat strip   |
| Insulation   | : Mineral insulated, Ceramic Fibre, Glassfiber, Silicon Rubber, PTFE, PVC etc. |



Simplicon

## PORTABLE PROBES

### Features

- All portable probes available sturdy plastic or with black powder coated aluminium handle.
- All probes come with an strain relief spring for the cables.
- Special designs can be developed based on applications.
- Different designs available are immersion, leaf, roller, needle, bow, gas probe, etc.

### Trade Shows

**India** - Automation, Plastivision, Simex...

**Germany** - K, Sensor and test...

**USA** - ISA, NPE...

We can also develop special designs  
prototype development for  
customized applications.



SIMPLICON, D-140, Bonanza Industrial Estate, Ashok Nagar,  
Kandivli (East), Mumbai - 400101, INDIA.  
Tel: +91-22-28875300 / 28872522; Fax: +91-22-28873469;  
E-mail: info@simplicon.net; www.simplicon.net

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