

PRESSURE

TEMPERATURE

FORCE

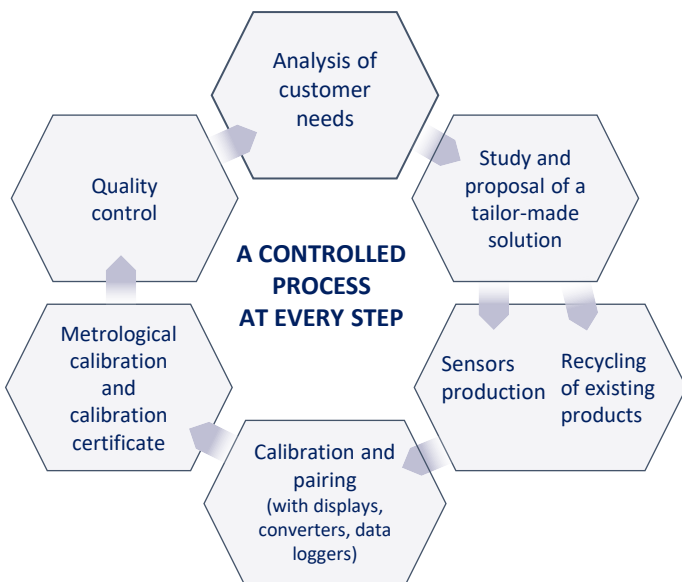
HUMIDITY

METROLOGY

Specializing since 1972 in the design and production of sensors and complete measurement systems, MESUREX produces more than 50,000 products per year.

With over 50 years of experience, we keep up with cutting-edge technological developments while remaining attentive to customer needs. Based on the client's specifications, we manufacture tailor-made products – both in small or large quantities - to meet the most demanding requirements in aeronautics, automotive, military, railway and manufacturing industries, research and test centers.

Our turnkey solutions integrate every step of the project: from sensor design, manufacturing, cabling, signal processing all the way to final calibration. The eco-design approach, integrated into our processes, also enables us to consider the complete life cycle of our products.



All our manufacturing procedures are traced in our quality system, according to ISO 9001 and EN 9100 standards.

Each sensor undergoes functional control in our premises, located in the Paris region. Our standards are connected to national standards and verified annually by COFRAC laboratories (LNE), to guarantee the reliability of our measurements.

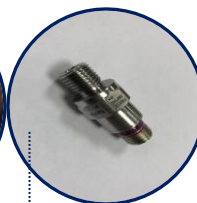
MIL standards / DO 160

Accredited manufacturing for flight-qualified sensors

Temperature sensors
(PT100/thermocouple)

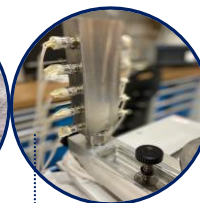


Force sensors



Pressure sensors

Installation of sensors on client's parts



Calibration and pairing

Metrological calibration



Creation of turnkey solutions

Manufacturer of sensors and measurement systems

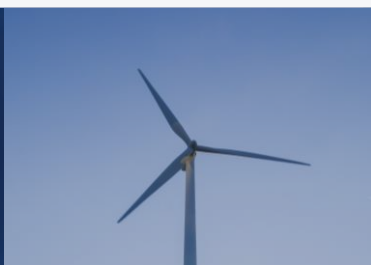
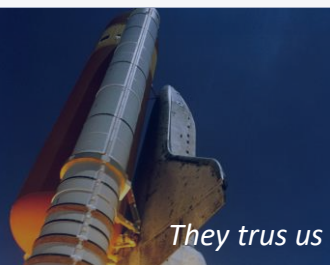
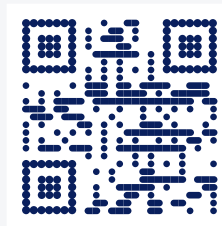
All our products can be customized to the needs of each customer (cable length, connectors, output signal, measuring range...)

- Temperature (PT100, thermocouple... from -200°C to 1800 °C)
- Force (up to 500 t)
- Pressure (miniature & standard versions, from -1 to 5000 bar)
- Acceleration
- Vibration
- Linear displacement
- Humidity
- Flow measurement
- Installation on clients' parts (R&D or in use)
- Bonding of strain gauge
- Pairing, calibration with data loggers / converters / displays
- Turnkey solutions...

Metrology laboratory

- Calibration in temperature (-40°C to 1250°C), force (0 to 45 t), pressure (-1 to 1000 bar)
- Insulation test (5 kV)
- Humidity test
- Qualification test according to aeronautics standards (lightning, shock, vibration, dust...)

All our products are on our website : mesurex.fr



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THE FRENCH AEROSPACE LAB

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