

A technological expertise

Our know how and our modern development means (CAD, finite element analysis, laser welding,...) allow us to design and produce according to your specifications:

- Strain gages sensors
- Electronics for signal processing
- Force sensors with embedded electronics

Complete In-house capabilities

We are present in more than 60 countries through a network of subsidiaries, partners and specialized distributors. Due to this proximity, we provide a service and logistics to efficiently support our product range.

Our head office, located in Annemasse (France), has a floor area of 4 300 m² and houses our sales & marketing services, the R&D department and assembly lines dedicated to strain gauges and sensors.

Our modern equipments include clean room, climatic chambers, laser welding robots and tied calibration means.

In addition, we benefit from group production means based in Shenzhen (China).

With this integrated, flexible and modern set of production solutions, we are able to guarantee the best quality-price ratio for unit deliveries or for large series.

A quality without compromise...

Our Quality Management system is certified according to EN 9100:2009 and ISO 9001:2008 standards. These achievements confirm that we are able to apply the highest quality requirements of aeronautic industry.

This commitment allows us to supply the most demanding industrial such as aircraft, medical or nuclear manufacturers.



▲ Wiring of digital sensors



▲ Benchtest of sensors



▲ Strain gages manufacturing in white room



▲ Weight Calibration machine

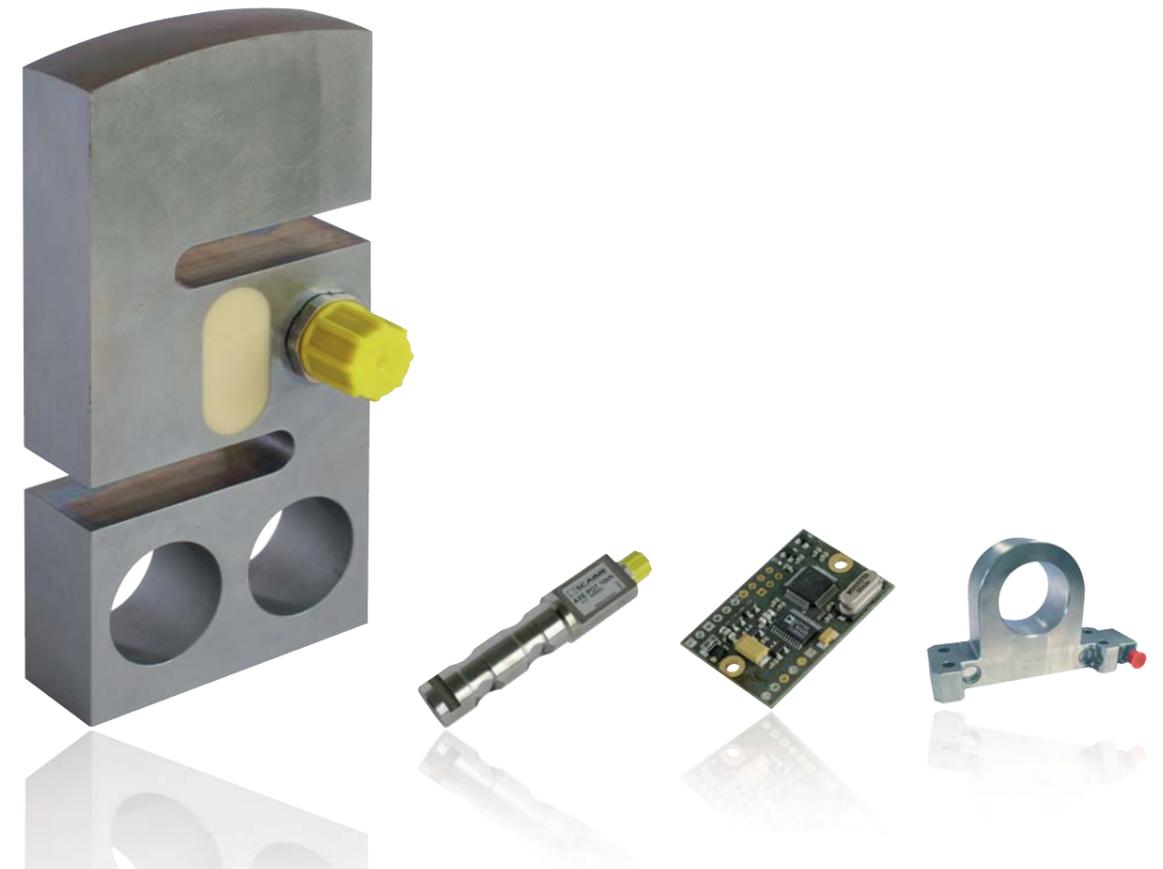


Headquarter : Technosite Altéa - 294, Rue Georges Charpak - 74100 JUVIGNY - FRANCE
SCAIME SAS - 294, RUE GEORGES CHARPAK - CS 50501 - 74105 ANNEMASSE CEDEX - FRANCE
Tél. : +33 (0)4 50 87 78 64 - Fax : +33 (0)4 50 87 78 46 - info@scaime.com - www.scaime.com
Download all our documents on our website



Tailor-made products

Transducers, Electronics, Digital sensors



MT-TAILOR_MADE_SENSORSE-0616 - SCAIME - SIREN 389 325 283 - R.C.S. THONON LES BAINS - Noncontractual pictures - SCAIME reserves the right to bring any modification without prior notice.

Your need is unique... And so are our solutions.

You're looking for a tailored solution to meet your exact requirements? SCAIME can rely on mastering several technologies to offer an optimized solution from prototype to production in small or large quantities.

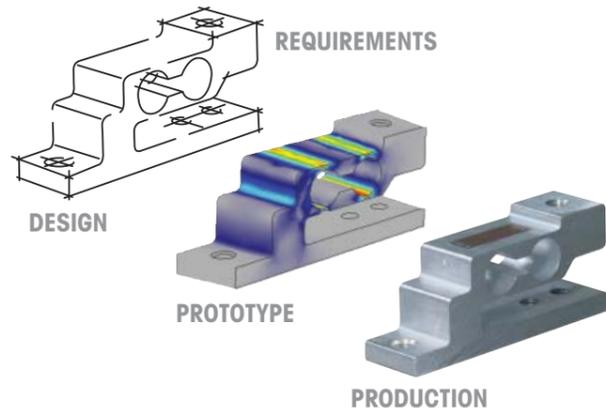
From sensor to electronics ...

> If you need to accurately measure:

- A weight
- A stress
- A deformation
- A force
- A torque
- A displacement
- A pressure

> If you want to add a detection function to your product and find a solution including the sensor and signal processing ...

SCAIME will work with you to define, develop and produce the right solution to your needs.



Whatever your field of activity

Beyond the intrinsic performance of our products, we take into account your quality and productivity requirements to ensure the success of your project.

According to the procedures and specifications relating to your application, our achievements include drawings, technical documentation, and may be completed by calibration services.

..... EXAMPLE OF ACHIEVEMENT

Measurement type	Force	Force	Force	Force	Force
Description	Sensor integrated on flight control	Sensor integrated into the release devices of helicopter hook	Sensors integrated into the stabilization legs of a military truck	Sensor integrated into an infusion pump	Sensor integrated into a weaving loom
Function	Measurement of efforts transmitted by the pilot on the controls	Overload control	Stabilization control	Pushing force and flow control	Wire breakage detection and wire tension control
Features	Development under aerospace specifications	Development under aerospace specifications	Development under military specifications	Miniature sensor Development under medical specifications	Miniature sensor developed for wire tension control in textile industry
Type de mesure	Weighing	Weighing	Weighing	Weighing	Displacement
Description	Load pins onboard cranes	Load cell integrated into a load handling arm	Load cell integrated to a garbage truck	Torquemeter integrated on needle valve	Sensor integrated into mammography
Function	Load limiter	Control of handling assistance	Detecting the operator presence on the truck	Valve closure control	Position control of the mammography plates
Features	From 100 kg to 100 t Steel or Stainless steel Output mV/V, 4-20 mA, or digital Dimensions, connectors on request	Miniature tension load cell 500 kg Signal processing electronic board with CANopen® communication	Very high resistance embedded analog signal conditioning output on M12 connector	Development under nuclear industry specifications	Development under General Electric medical specifications

AEROSPACE



MEDICAL



TRANSPORTATION



LIFTING - HANDLING



ENERGY



MILITARY

