	STRAIN SENSORS		ACCESSORIES			
						
Model	**Epsimetal V & mV**	**Epsimetal VX & mVX**	**Mounting Plates Set**	**Cylindrical Plates Set**	**Preparation Set**	**Gauge**
Strain span	1 000 µm/m	1 000 µm/m	Gluing on flat surfaces	Gluing on cylinders	Preparation before gluing	Plates positionning
Measurement mode	tension or compression	tension or compression				
Output	5 mV/V or 0-10 V or 4-20 mA	5 mV/V or 0-10 V or 4-20 mA				
Output span	" V " version only	" VX " version only				
Resolution	0.1 µm/m	0.1 µm/m				
Temperature compensation	adjustable or not	adjustable or not	**Cyanoacrylate Glue**	**Epoxy Glue**	**Torque Screwdriver**	**EPSILOG Interface**
L x w x h mm	47 x 16 x 16	72.6 x 31.5 x 26.6				
Sealing	IP40 / IP54	IP68	Quick bonding	Long time bonding	Plates tightening	Serial interface for PC adjustements Curves display
Body construction	Aluminium + Stainless Steel	Stainless Steel				

	MEASURING DEVICES					
						
Model	**EPSITRAC I**	**EPSITRAC II**	**PAX P**	**PAX DP**	**On board display**	**GM80 PA**
Current use	Molding machines	Molding machines	1 sensor display	2 sensors display	On board weighing	Quick response
Main features	4 x 2 input Tiebars strain display 4 displays Full equipment case	Data acquisition 4 x 2 input Displays curves on PC Screen Full equipment case	1 input 0-10 V or 4-20 mA Configurable display Power supply 220 V~ ou 10 at 24 V =	2 inputs 0-10 V or 4-20 mA configurable Configurable display Power supply 220 V~ or 24 V =	2 configurable input Configurable display Power supply 12 V = or 24 V = IP65 box with adjustable base	1 input ±5 V 1 000 meas./s. 2 quick set points 3 000 points saving

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Extenso.

Strain measurement for the Industry

Process Control
Structures monitoring

SCAIME

Machines and Structures under surveillance

Scaime has developed a range of extensometers using an innovative mechanical principle.
Simple of use, accurate , free of any shift, they are meant to simplify the force measurement by monitoring the strain directly on the structure.

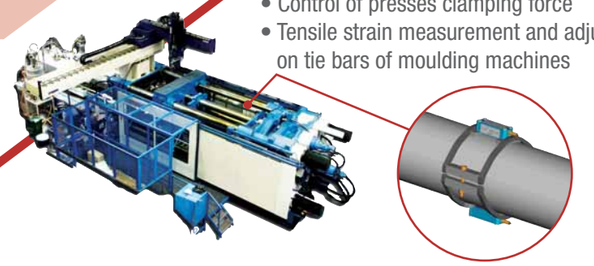
Measurement solutions

We offer all the elements of a measuring chain suited to the processing of fast signals or the follow up of slow phenomenon .
Associated to appropriate electronics, our extensometers can deal with any type of applications.

Expertise in the field of strain measurement

We rely on our expertise in the field of strain analysis and measurement to advise you in the instrumentation of your structures, from the definition of your needs to the design of a system using one or several sensors.

Control of industrial processes



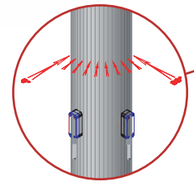
- Control of presses clamping force
- Tensile strain measurement and adjustment on tie bars of moulding machines
- Control of strains generated by mechanical processes
- Measuring strains in the structure frames

- Control of levels, filling or emptying

On-board applications

- Torque regulation
- Force monitoring

- On-board weighing
- Tilting prevention

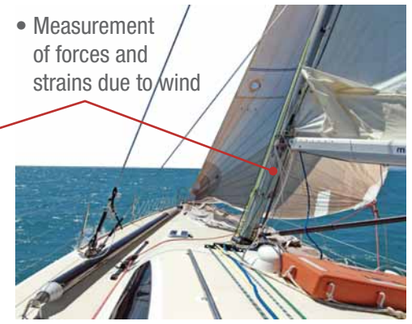


- Overload detection
- Presence safety detection

Structures surveillance

- Characterization of service loads
- Deflection measurement under load
- Surveillance of fatigue cycles
- Analysis of structures behaviour

- Measurement of forces and strains due to wind



- Surveillance and characterization of mechanical elements (wear and tear, defects…)

EPSIMETAL

Adapting to industrial environment...

- Miniature version (Epsimetal V and mV)
- Stainless steel sealed version (Epsimetal VX and mVX)

Innovative mechanical principle

- Easy mounting by bonding or screwing
- No mechanical adjustment needed
- No modification to the structure
- High sensitivity and wide measuring range
- Quick response time

Built-in measurement conditioning

- Built-in electronics
- High or low level analog output
- Digitally adjustable offset and gain
- Digital temperature compensation