

ACTUATORS

Type ASC (Sarasin Actor)

Low Pressure.
Single or Double Acting.
Up to 1,000 N·m

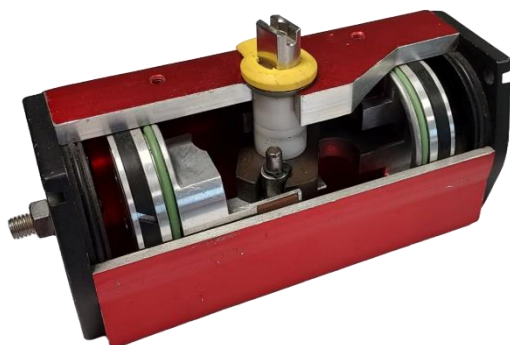


Type ASY (Sarasin Actor)

Low / High Pressure.
Single or Double Acting.
Up to 300,000 N·m

Type ARP (Sarasin Actor)

Low / High Pressure.
Single or Double Acting.
Up to 600 N·m



Type RC (Sarasin Actor)

Low Pressure.
Single or Double Acting.
Scotch Yoke Technology.
Up to 6,000 N·m



CONTROL VALVES

2-Way Control Valves (OMC)

Motorized or manual, pneumatic and electric versions.
Robust and suitable for a wide range of industrial networks.
Compatible with all types of fluids.
Excellent pressure resistance up to 100 bar.



3-Way Control Valves (OMC)

Motorized or manual, mixing or diverting versions.
Compact for easy integration into networks.
Ideal for heating systems or industrial processes.
Minimal wear thanks to optimized sizing.
Versatile: suitable for fluid mixing or distribution.

Micro Valves (OMC)

Type : 2-way, single-seat, flow-initiated.
Designed for precise control of small flow rates.
For industrial applications, simple or demanding processes.
High turndown ratio enables accurate and reliable control.



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info@btfmesures.be
www.btfmesures.be





Sliding Gate Valves (Schubert&Salzer)

Motorized or manual types.
Low leakage rate.
Excellent control ratio: 30:1 to 160:1.
Minimal wear.
Variable maximum pressure levels.

Segment Ball Valves (Schubert&Salzer)

Motorized or manual, 2-way or 3-way versions.
Robust and compact.
Minimal wear even with contaminated, abrasive, or viscous fluids.
Precise control across a wide range.



Disc Segment Valves (Schubert&Salzer)

High Kvs values.
Excellent control ratio of 60:1.

Seat, Sleeve and Aseptic Valves (Schubert&Salzer)

Types : Angled seat, Straight seat, 3-way, Low-flow control;
Aseptic angle seat, Hygienic design; Continuous or not.
Robust and compact.
High tightness and simple insulation with no heat loss.
Operating pressure from 2 to 25 bar.
Certified.



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PORTFOLIO **INDUSTRY** 2025

MEASURES

ACCELERATION (Kistler)
Wide range - Inclometers, Accelerometers.
Type: Mono axial or Triaxial, Charge or IEPE.
For industrial applications.

TORQUE (Kistler)
Measuring ranges: from 0.2 Nm to 10,000 Nm.
High precision and dynamic performance.
Transmission via slip ring or contactless (Kiflug).
For industrial applications, test benches, and R&D.

DISPLACEMENT (Kistler, S2 Tech)
From 10 mm to 750 mm.
Accuracy: linearity $\pm 0.1\%$ depending on the model.
Repeatability up to $\pm 2 \mu\text{m}$.

FORCE (Kistler, S2 Tech)
Piezoelectric technology.
Partially calibrated ranges.
Dynamic and quasi-static measurements.
Standard or custom solutions.

LEVEL (STS, IWT, Nivelco)
Vibrating forks, Rotary paddles, Ultrasonic, Radar.
Level measurement or detection — for liquids or solids.

PRESSURE (Kistler, Ascon Tecnologic)
Piezoelectric technology, wide measurement ranges.
Dynamic and quasi-static measurements.
Piezoresistive technology for static measurements.

TEMPERATURE - HUMIDITY (Prosensoir, LUMEL)
Thousands of references.
Standard and custom manufacturing.
Low and high temperature ranges.

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PORTFOLIO **LABORATORY** 2025

MEASURES

TEMPERATURE CALIBRATION (AOIP)
Wide measurement range and high accuracy.
Use: linearity.
Compatible with DATACAL software.
Portable.

PRESSURE CALIBRATION (AOIP)
Wide measurement range and high accuracy.
Easy to use and calibrate.
Portable and robust.
Calibration certificate included.

MICRO-OHMETER (AOIP)
Ultra-precision measurement: down to $0.01 \mu\Omega$.
Compensation for temperature and electromagnetic forces.
Data storage: memory and transfer.

PYROTECHNICAL (AOIP)
Integrated safety with continuity and insulation testing.
Reliable and safe.
Easy to use.

HIGH DYNAMICS (Kistler)
Explosive measurement (jetting).
ATEX testing.
Internal ballistics.

TEST & MEASUREMENT (Kistler)
Wide measurement range.
Various sensors with piezoelectric technology.
Acquisition systems.

TEMPERATURE & HR & WEATHER (Prosensoir, LUMEL)
Humidity and temperature sensors.
Complete weather stations.

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PORTFOLIO **SOLUTIONS** 2025

INDUSTRY SOLUTIONS

PLASTICS INDUSTRY (Kistler)
Comoflex: Real-time measurement of pressure and temperature in molds. Automated control with assistance algorithms and AI based quality prediction.
OPC UA communication.
Comidow: Monitoring of non-connected machines via machine signals and external sensors.
Specialized modules available.

ASSEMBLY (Kistler)
Electromechanical servo presses for precise assembly.
maxforce: Real-time process monitoring and control.
Sensors ensure quality control and traceability.

MANUFACTURING (Kistler)
Piezoelectric technology and high-precision servo presses.
Online control platforms.
Industry 4.0 integration for smart manufacturing.

PROCESS CONTROL (Ascon Tecnologic)
Independent control (loop).
PID regulation.
Applications: Bakery, Chocolate, Brewery, Wine production.

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PORTFOLIO **TAILOR MADE** 2025

PROJECTS

At BTFmesures, each project begins with a rigorous and tailored design phase.
We analyse our client's specific needs to create efficient, customized solutions.

Analysis
Active listening
Feasibility study
Requirements specification

Design
Proposal of innovative solutions
Functional design
Technical optimization
Selection of best-in-class components

Collaboration and Validation
Regular exchanges with the client
Testing
Competitive solutions

Revamping
On-site intervention
Product return and analysis
Component replacement

Availability, Independence, and Quality are our core values.

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