

Flow
Control

Gas Flow
Liquid Flow

Pressure
Vacuum

Engineering
Process

Solutions
Pilots

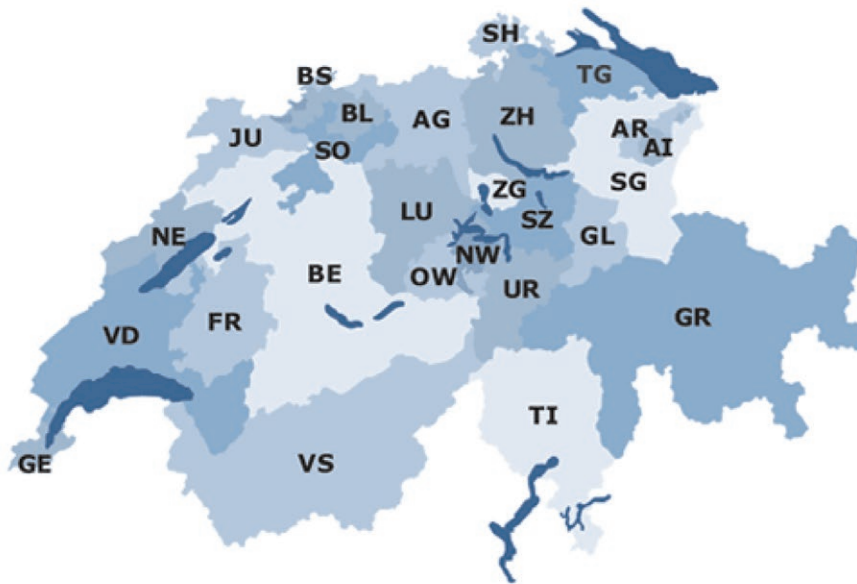
Vaporizing
Dilution

Calibration
Services



**SERV'
INSTRUMENTATION**
Mesure et Contrôle vos fluides

France & Switzerland coverage – 45 people



- Founded in 1986
- Revenues > 15 M€
- 14 Sales Engineers
- 4 Project Managers
- 12 Technicians
- 1 M€ inventory
- 24h delivery on demand
- 80% of customers delivered within 2 weeks
- Headquarters in Lyon



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Products BU: Instrumentation for Measurement & Control of Gases and Liquids

BROOKS
INSTRUMENT

kämmer
vannes

KELLER

Bios
DryCal
TECHNOLOGY

We deliver and assist from single to complete products packages

EMERSON
Process Management
Ritter

macnaught

Solutions BU: Design, Management and Manufacturing of TurnKey Flow Solutions



We team up in the delivery of the most ambitious projects



Services BU: Calibration Service Centers / After Sales / Technical Assistance



We perform annually thousands of Service missions

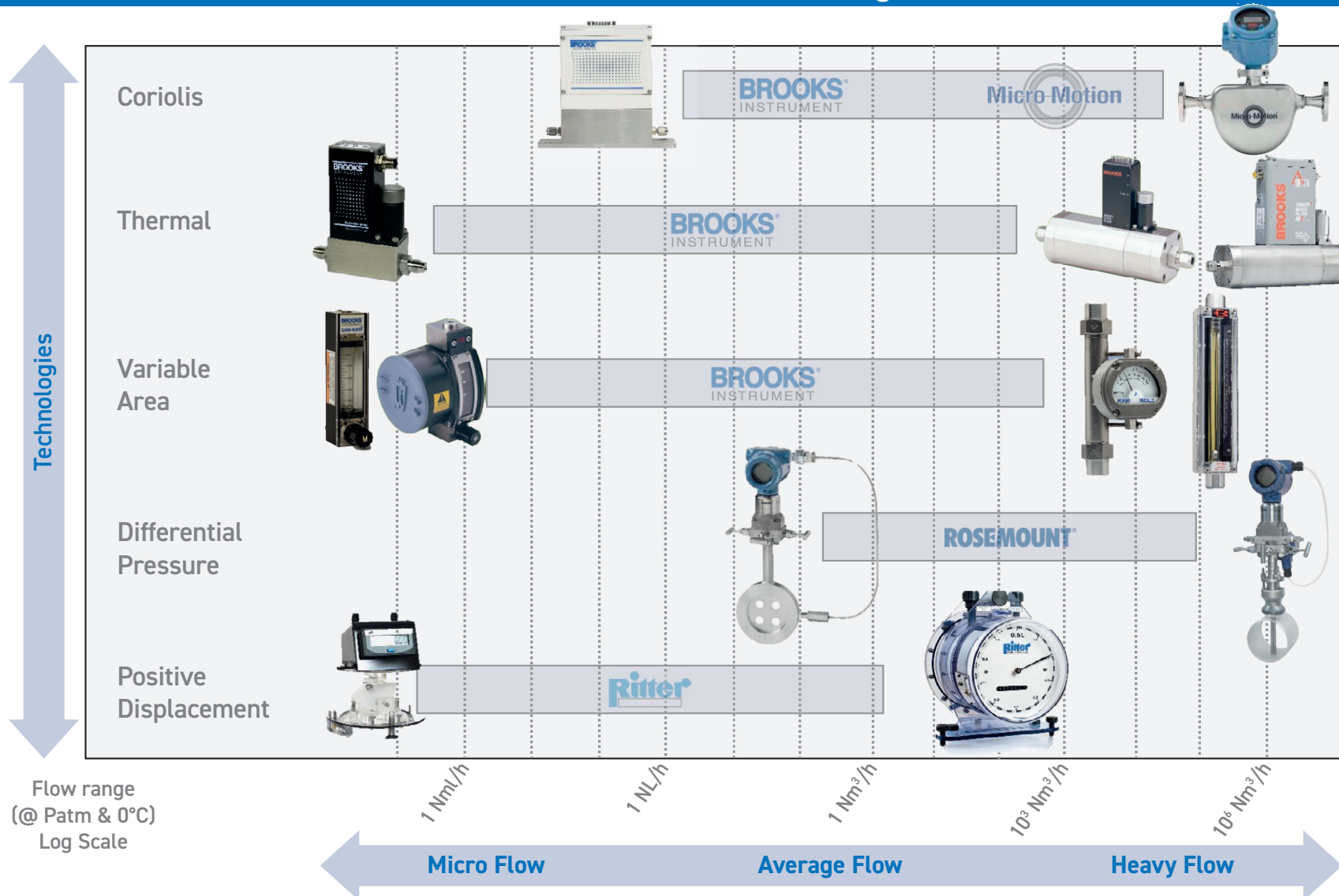


Instrumentation for Measurement & Control of Gases and Liquids

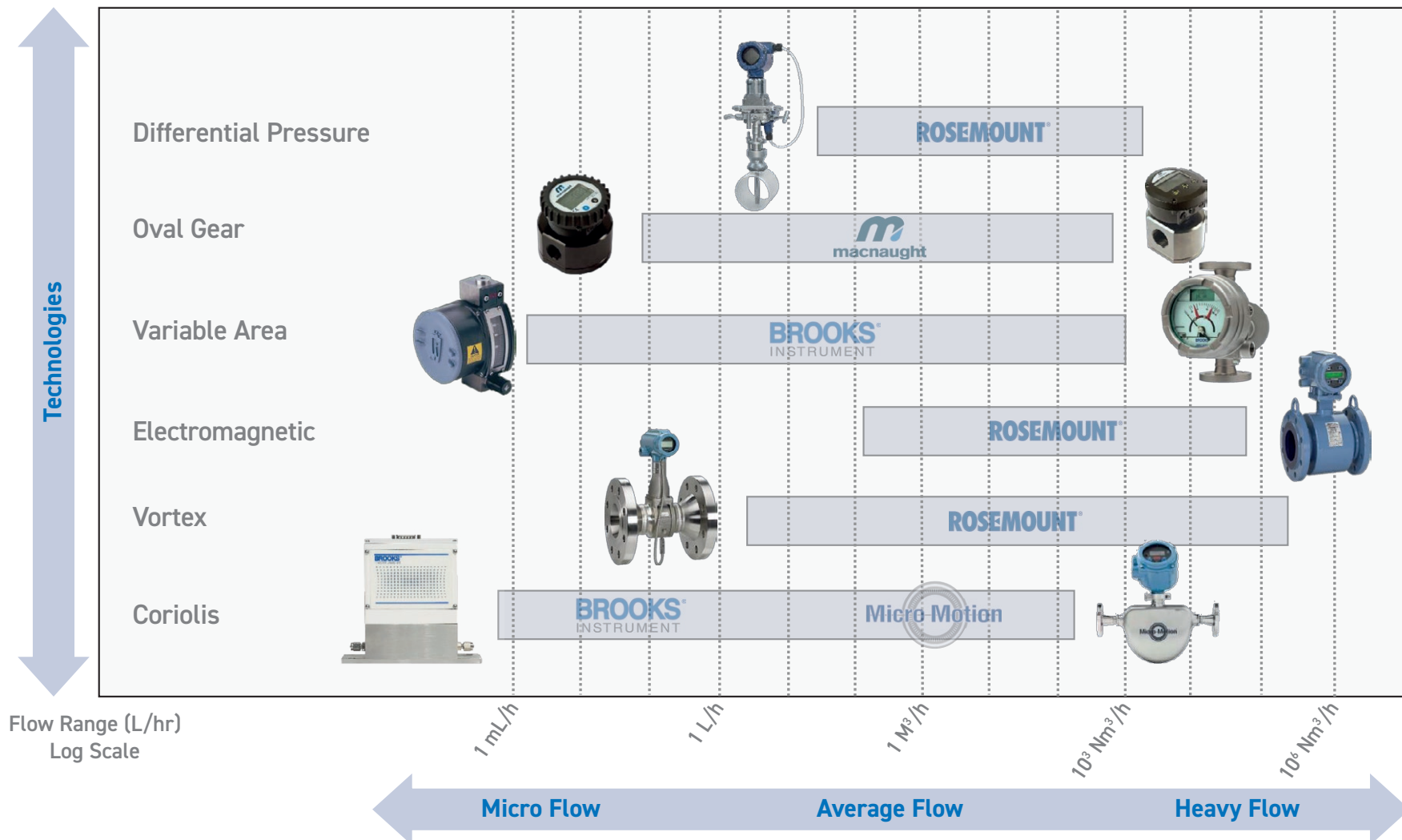
- Flow
- Pressure & Vacuum
- Temperature
- Analytical
- Level
- Control valve
- Control loop
- Volumeters



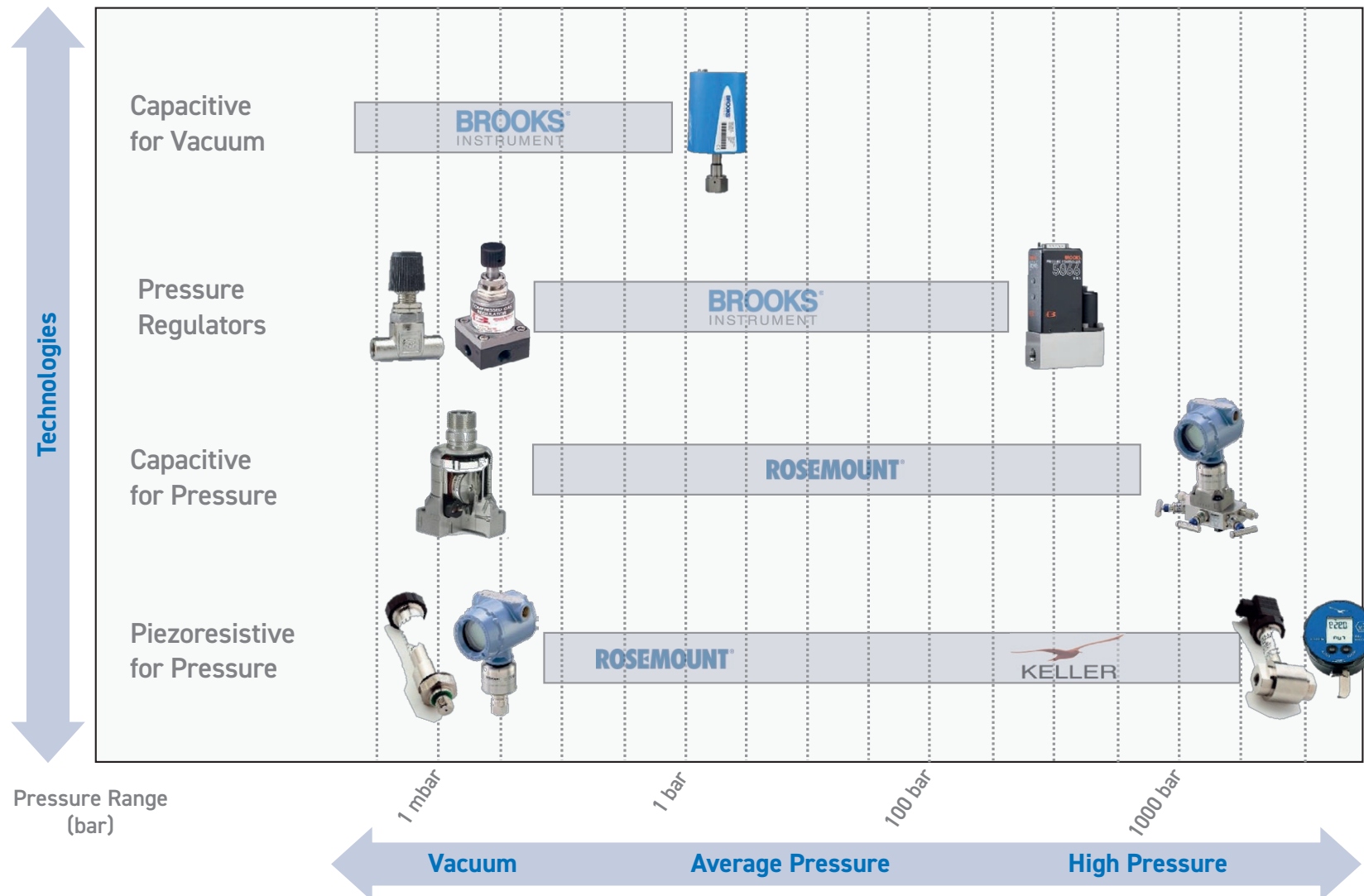
Gas Flowmeters Offering



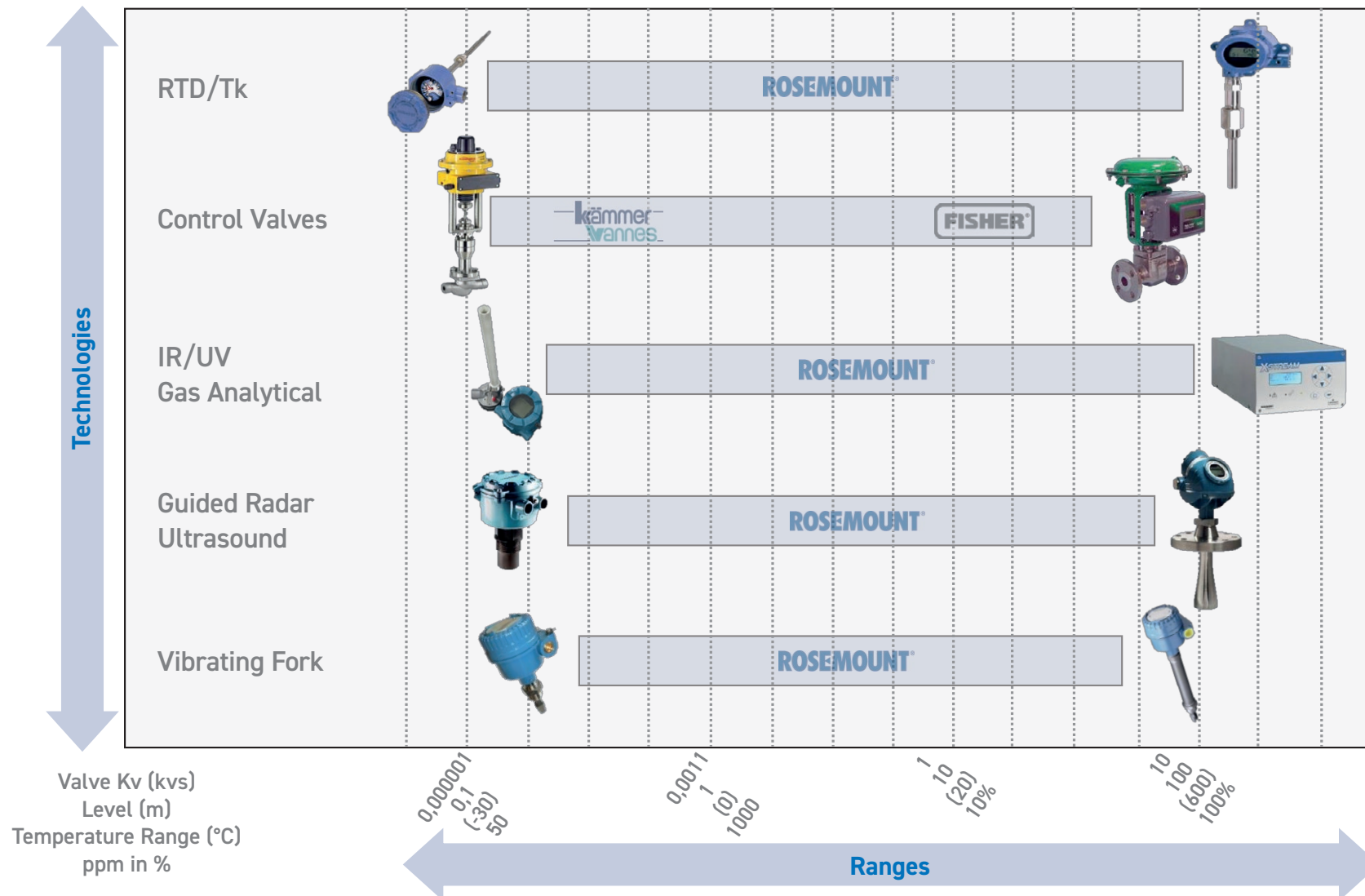
Liquid Flowmeters Offering



Pressure/ Vacuum Offering

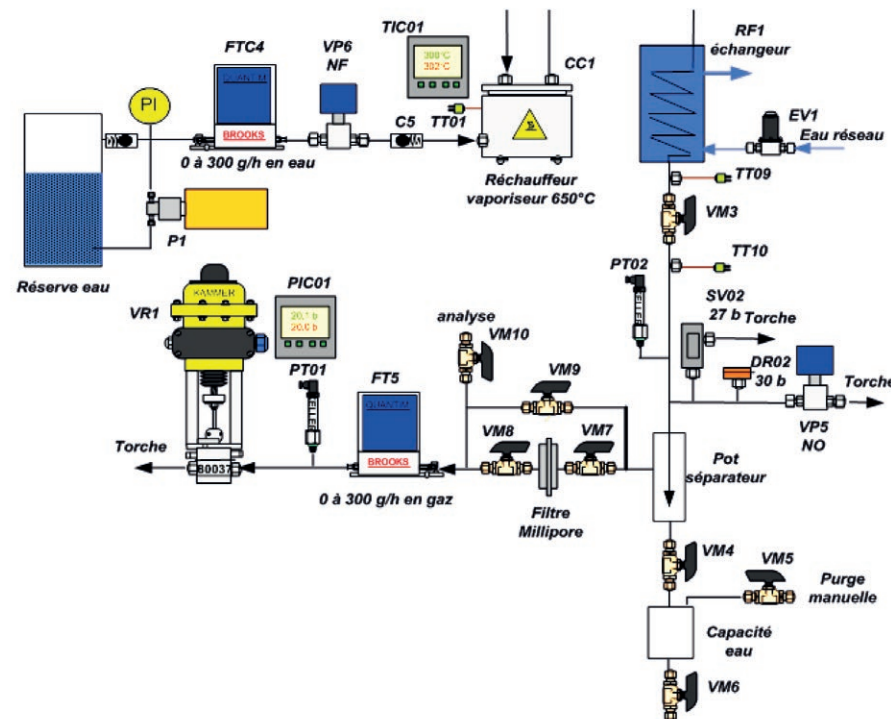


Analytical / Valves / Temperature



Our Package Offer “ Ready to Start ”

Enhanced tailored Flow & Pressure Controlled Loop
Application-specific Design & Sizing by our process engineers
Calibration, Testing & Fine tuning on our traceable benches
Start-up assistance
One single order for optimized sourcing



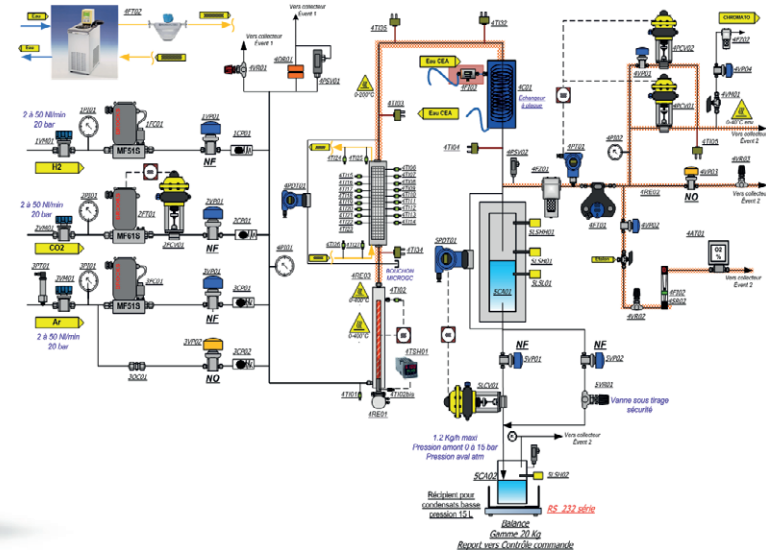
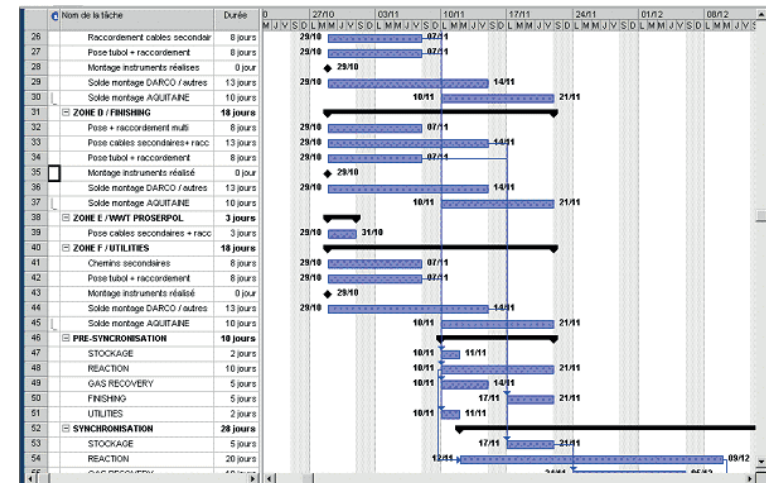
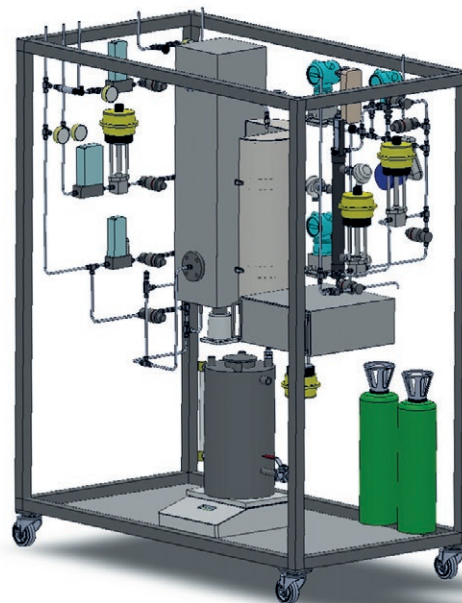
Improve the throughput of your processes and benefit from 30 years experience in Fluid Measurement & Control.

Design, Project Management & Manufacturing of Turnkey Flow Solutions

Serv'Instrumentation designs, manages & manufactures systems for measurement and control of gases & liquids. Our engineers respond to your specific requisition:

- Tailored for Industries and R&D centers
- Integrated in supply chain of big names of Industries

From functional analysis to start-up operations, our engineers will pull all their knowledge to satisfy your needs



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Design, Project Management & Manufacturing of Turnkey Flow Solutions

Engineering / Project Management

- Design of flow schematic
- Functional Analysis
- Planning / Procurement Management
- Project follow-up
- Start-up operations
- Documentation Management

Design Office

- Part numbers & AutoCad/SolidWorks drawings, ...
- SEEE electrical drawings
- Mechanical drawings
- PLC programming / Systems



Our dedicated team consisting of 18 people will lead to the success of your most ambitious projects.
Project Managers, Technicians, Welders, Automation experts, Operators...

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Design, Project Management & Manufacturing of Turnkey Flow Solutions



Workshop Manufacturing

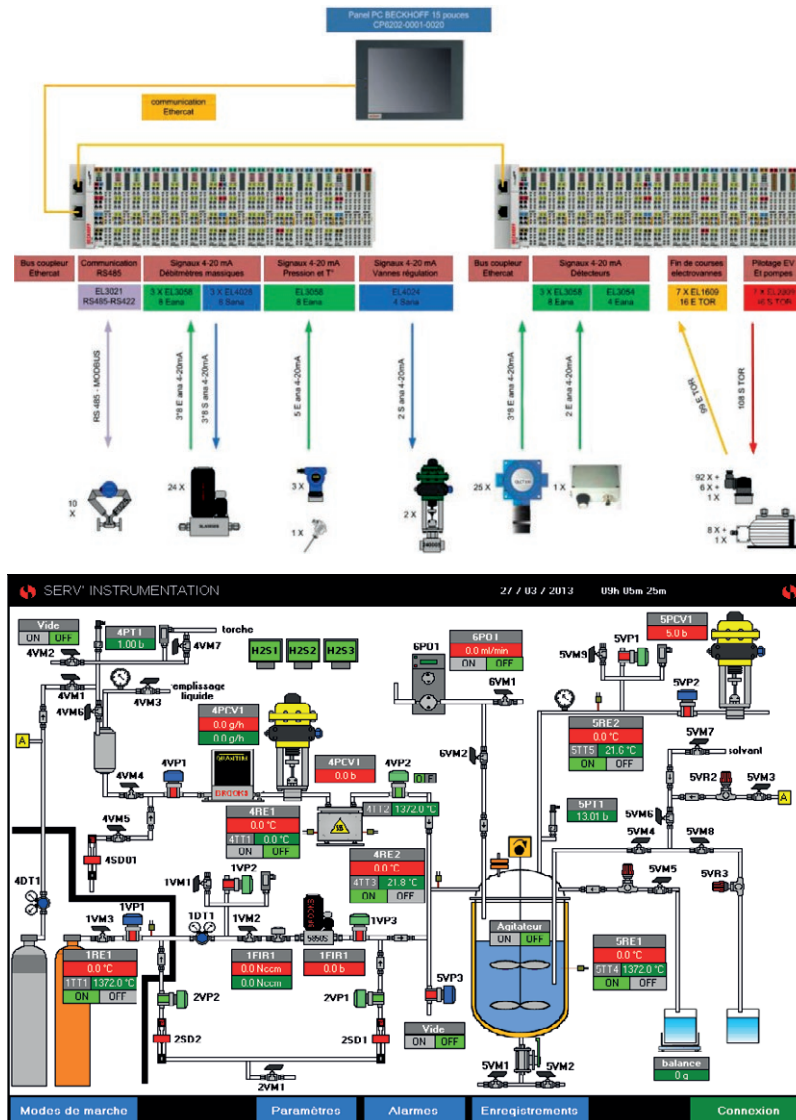
400 m² workshop
Tubing & welding
Electrical & Automation
Helium leak testing
Testing up to 300 m³/h Air - Water 20 m³/h Functional testing
Factory acceptance Testing

30 years of Experience

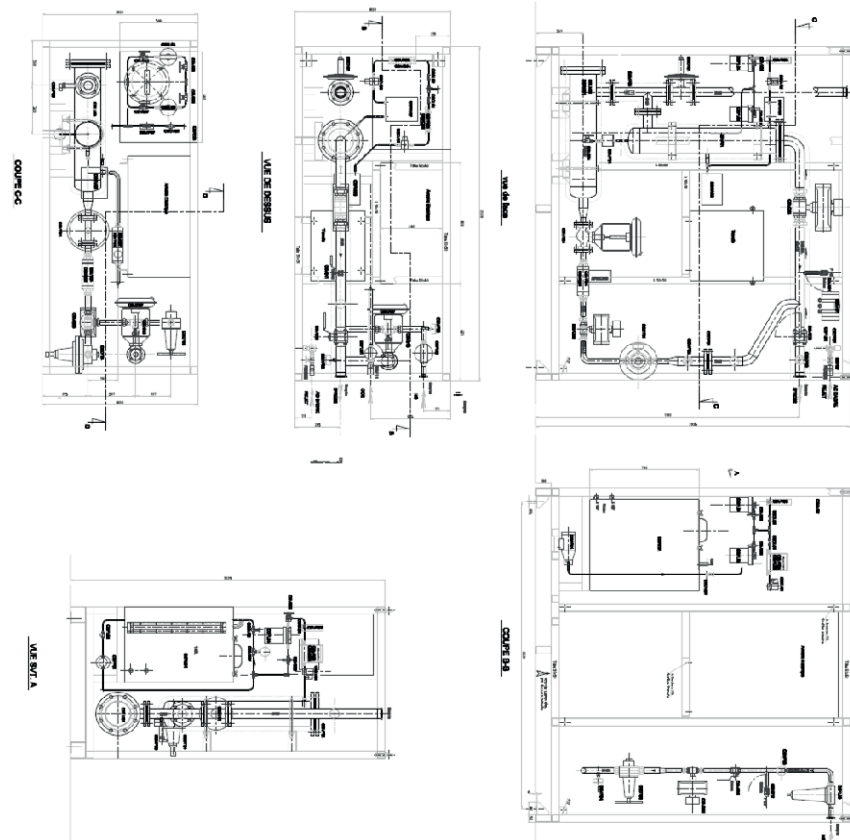
Full expertise in Flow Control
Reactive organization
Deep knowledge of customers' applications
Internal Solutions without subcontracting.
Know-How of integrated components
Enhanced PLC Process Control
Accuracy & full traceability

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PLC/Systems Programming - Plan AutoCad or SolidWorks Drawings



Open Monitoring & Control Systems
built on Control Panels and/or Programmable PLCs,
I/O Components and Field Bus.
Brand Beckhoff, Schneider, ProFace, RedLion.
2D/3D virtual Drawings



Technical Applications:

- F/P/T* Tests & Characterisation
- F/P/T Control
- Gas Humidification
- Gas Blending
- Gas Dilution (ppm to ppb)
- Leak Control
- Toxic & Corrosive gases
- Gas Sampling
- Analytical
- Dew point Control
- Direct Liquid Vaporization
- Liquid Atomization
- Liquid Precursors Delivery
- Pollution gas mixer
- F/P/T Bubbler
- NaOH Carbonation
- Engine testing
- Process Reactors...

* D/P/T = Flow/Pressure/Temperature

Activities: R&D and Manufacturing



References:



Service and After Sales Center

- 1 M€ inventory
- 24H after sales on demand
- 10 Certified Technicians
- In-situ Calibration
- Start-up Services
- Trainings
- COFRAC traceable Calibration centers
- 4 Gas Flow Benches (3 Ncc/h to 250 Nm³/h)
- 1 Liquid Flow Bench (1 cc/h to 80 m³/h)
- 1 Pressure Bench (-1 to 650 bar)
- 1 Temperature Bench (0 to 200°C)
- PID & PLC Control loop Configuration
- Control Valve Maintenance and Kv replacement





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