Our Mission

For over 50 years Steroglass® has been operating globally in the chemical, biotechnological and pharmaceutical fields. The Falocci owners have successfully achieved significant goals by designing and manufacturing innovative borosilicate glass lab equipment, industrial plants for chemical and pharmaceutical applications as well as electronic instruments with high-tech mechanical components and related software.

Steroglass® mainly focuses on evaporation, titration, metal detection, enzymatic and colorimetric analyses, glassware solutions and reactors.

Research and Innovation are the heart of our business. It is not simply about enhancing technical features; it’s about re-thinking processes, transferring solutions applied in other sectors, finding new ways to best meet Customer needs. R&D continuing efforts combined with accurate personnel recruitment enable us to be highly competitive in the scientific fields worldwide.
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# Reactor Specialists

<table>
<thead>
<tr>
<th>GLASS MIXER REACTOR</th>
<th>LAB REACTOR</th>
<th>BASIC PILOT REACTOR</th>
<th>PLUS PILOT REACTOR</th>
<th>CUSTOM PILOT REACTOR</th>
<th>SPHERICAL PILOT REACTOR</th>
<th>GLASS LINED REACTOR</th>
<th>LARGE SCALE CUSTOM ENGINEERING SOLUTIONS</th>
<th>ACCESSORIES AND SPARE PARTS</th>
<th>FILTER REACTOR</th>
<th>CUSTOM GLASS MIXER REACTOR</th>
<th>GAS SCRUBBER</th>
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</thead>
<tbody>
<tr>
<td>10-600 lt</td>
<td>300 ml - 7 lt</td>
<td>10-30 lt</td>
<td>10-100 lt</td>
<td>1-400 lt</td>
<td>20-200 lt</td>
<td>25-50-100-200 lt</td>
<td>250-12,000 lt</td>
<td>1-30 lt</td>
<td>10-400 lt</td>
<td>10-100 lt</td>
<td></td>
</tr>
<tr>
<td>90-135°C</td>
<td>90-135°C</td>
<td>90-135°C</td>
<td>90-135°C</td>
<td>90-135°C</td>
<td>90-135°C</td>
<td>90-135°C</td>
<td>90-135°C</td>
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<td>90-135°C</td>
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<td></td>
</tr>
<tr>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td>1 atm, 0.5 bar</td>
<td></td>
</tr>
</tbody>
</table>

## Preparation

## Process

## Filtration Purification

## Waste Handling
Custom Plants

Steroglass® can supply vessels and laboratory glass-lined plants, ensuring the best possible support for both engineering companies and direct customers.

Glass Lined Pilot

Top of Temperature Control

Experience, competence, innovation – at the highest standards in industry, research and science.

For more than four decades JULABO has been one of the world’s leading specialists in temperature control systems. High-quality products, systems and solutions have contributed effectively to the improvement of temperature control all over the world. Highly professional, local and global after-sales service guarantee every customer need with unequalled quality.

JULABO is driven by environmental sustainability, which makes it the ecological pioneer of the temperature control industry.

<table>
<thead>
<tr>
<th>Induction Capacity</th>
<th>Working Capacity</th>
<th>Actual Capacity</th>
<th>Jacket Capacity</th>
<th>15°C and above</th>
<th>-30°C and below</th>
<th>-80°C and below</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 ml</td>
<td>300 ml</td>
<td>780 ml</td>
<td>780 ml</td>
<td>F32-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>500 ml</td>
<td>640 ml</td>
<td>960 ml</td>
<td>960 ml</td>
<td>F32-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>1L</td>
<td>1180 ml</td>
<td>1600 ml</td>
<td>1600 ml</td>
<td>F32-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
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<tr>
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<td>2560 ml</td>
<td>2560 ml</td>
<td>F32-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>3L</td>
<td>3290 ml</td>
<td>3640 ml</td>
<td>3640 ml</td>
<td>F32-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>5L</td>
<td>5290 ml</td>
<td>6000 ml</td>
<td>6000 ml</td>
<td>F32-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>10L</td>
<td>12L</td>
<td>19 L</td>
<td>19 L</td>
<td>FPPS-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>20L</td>
<td>22 L</td>
<td>32 L</td>
<td>32 L</td>
<td>FPPS-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>30L</td>
<td>32L</td>
<td>47 L</td>
<td>47 L</td>
<td>FPPS-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
<tr>
<td>50L</td>
<td>57L</td>
<td>77 L</td>
<td>77 L</td>
<td>FPPS-8E</td>
<td>FPPS-ME</td>
<td>FPPS-ME</td>
</tr>
</tbody>
</table>
**Pressure Reactor specialists**

- High Pressure Autoclave (up to 300 bar)
- Flow through magnetic stirrer
- Temperature up to 550°C
- Ex-pot for safety and diagnostics

**Flow Chemistry specialists**

- High Pressure Autoclaves
  - Multiple vessels (500 mL, 1 L, 2 L & 5 L), glass construction with heating mantle
  - Modular design for easy exchange of individual vessels
  - Temperature up to 300°C
  - Suitable for flow chemistry

**Rotary Evaporators**

- STRIKE 100 - 50, 100 kHz ROTARY evaporator
  - Designed for high performance and versatility
  - Suitable for various applications in chemical research
  - Compact design for easy integration into laboratory spaces

**Industrial Rotary Evaporator**

- STRIKE 100
  - ATEX certified
  - Suitable for hazardous areas
  - Easy to use and maintain
  - Ideal for laboratories requiring high performance and reliability

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**Additional Features**

- Customizable solutions
- Advanced control systems
- Energy-efficient design
- High accuracy and precision

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**Contact Information**

- For more information, please contact
- [Steroglass Sales Team](sales@steroglass.com)
- +1 (555) 123-4567

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**Visuals**

- Images of high-pressure reactors and rotary evaporators
- Technical drawings and schematics
- Product specifications and data sheets

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**Warranty and Support**

- Comprehensive warranty and support
- 24/7 customer service
- Technical support and troubleshooting assistance
Spare Parts and Custom Solution

Supporting Structures
- Stainless steel
- Galvanized steel
- Epoxy coated paint
- Kee klampbased
- Movable structure
- Wound lid

Heating and cooling
- Electric heating
- Oil bath
- Thermostatic unit

Vessels
- Jacketed/jacketed glass vessel
- Feeding and receiving glass vessel

Stirring systems:
- PTFE/glass/magnetic seal
- PTFE/metal shaft
- Glass lined

Piping and components
- Glass piping
- Glass valves
- Couplings
- PTFE components
- Easy maintenance and service

Glass Lined Reactor
- Glass lined stirring system

Heat Exchangers
- Glass coils
- Glass/glass lined/stainless steel shell and tube
- Glass/PVC tubes
Technical Assistance

Industrial plants service:

INSTALLATION AND MAINTENANCE

For over 50 years Steroglass® has established itself on the Italian and worldwide market reaching the highest professional standards in production and technical assistance for industrial plants.

Service:

BOROSILICATE PILOT PLANTS
- Installation and testing
- Ordinary maintenance
- Changes / revamping
- Repairs / replacements
- Customized maintenance contracts
- Ordinary maintenance contracts

HEAT EXCHANGERS
- Dismantling and full recovery
- Testing and tightening by torque wrench
- Pipe cleaning