Bond | Protect | Beautify

With our manual guns, automatic and robotic applicators, supplied by our wide range of pumps & machines for fluid handling, dosing, mixing & dispensing.

SAMES KREMLIN provides industrial solutions for production increase, quality improvement, material & cost savings.

We are designers and manufacturers of process equipment that is divided into 6 ranges:

**Airspray**: Since 1925, we have been an Airspray manufacturer bringing you the very best in finishing.

**Airmix**: Creator of Airmix® Technology since 1975, we provide the perfect mix between quality and productivity.

**Airless**: We provide premium Airless Products for finishers with demanding applications.

**REXSON Dispense**: Pumping beyond possible, dispensing precisely.

**Electrostatic liquid**: expertise for high finishing quality & efficiency.

**Powder**: Powder coating solutions for the highest Productivity since 1960.

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**REGMASTER REGULATOR**

40, 80, 120, 160 & 200 BAR

- High precision
- Low pressure loss
- Multiple plate

Related Technologies

- Driven Regulator
- Multi-Plate
- Regulation Principle

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FIND YOUR LOCAL CONTACT BY FLASHCODE:

[QR Code]

www.sames-kremlin.com
**CUSTOMER BENEFITS**

- Very high precision even at low pressure
- Very good repeatability
- Easy maintenance
- 80°C heated regulators available on request
- 200 bar stainless steel version available
- Special regulators available for highly abrasive materials upon request

**RECOMMENDED MARKETS**

- Automotive
- Buses
- Leisure Vehicles
- Construction Equipment

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>REGMASTER 40</th>
<th>REGMASTER 80</th>
<th>REGMASTER 120</th>
<th>REGMASTER 160</th>
<th>REGMASTER 200</th>
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</thead>
<tbody>
<tr>
<td>Number of plates</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
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<tr>
<td>Inlet pressure (bar Max)</td>
<td>400</td>
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<tr>
<td>Outlet pressure (bar) - Regulated range</td>
<td>6 - 40</td>
<td>7 - 80</td>
<td>12 - 120</td>
<td>15 - 160</td>
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<tr>
<td>Air pressure (bar max)</td>
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<tr>
<td>Max welding temperature (°C)</td>
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<td>Wetted parts</td>
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<td>Height (mm)</td>
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<tr>
<td>Diameter (mm)</td>
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<tr>
<td>Weight (kg)</td>
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<td>6.5</td>
<td>7</td>
<td>7.5</td>
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</table>

**REGMASTER TECHNOLOGY**

A regulator is needed when you want to control fluid pressure/flow rate, change fluid pressure to different values in a short time, dampen out pulsation on pump, change over and help prevent “snake head” effect on gun opening.

The modular design enables you to control over a wide range of pressures. Our regulators are well known for their high precision and repeatability especially in automated applications.

REGMASTER 200 version is ideal for moisture-sensitive and water-based materials.

**MATERIAL HANDLED**

High viscosity materials: adhesives, sealant, greases...

**PRINCIPLE OF OPERATION**

By controlling the supply of precision air to the regulator, we are able to move the regulator piston down thus opening the material valve and allowing material to flow.