**AIRSPRAY M22 G**

**HTI-HPA GRAVITY & SUCTION**

**MANUAL SPRAY GUN**

- High transfer rate (up to 76%*)
- Exceptional spray quality
- Modularity

**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.

**RELATED TECHNOLOGIES**

- Electrostatic liquid
- Powder

**FIND YOUR LOCAL CONTACT BY FLASHCODE:**

![QR Code](QR.png)

www.sames-kremlin.com
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th></th>
<th>Gravity HTi E 5 KHVLP aircap</th>
<th>Gravity HTi EP 5 aircap</th>
<th>Gravity HPA EN 5 aircap</th>
<th>Suction HPA EN 2 aircap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gun handle air pressure (bar)</td>
<td>1.5 à 2.5</td>
<td>2 à 3</td>
<td>2 à 4</td>
<td>6</td>
</tr>
<tr>
<td>Air output</td>
<td>27.2 m³/h at 2 bar</td>
<td>20.2 m³/h at 2.5 bar</td>
<td>26.5 m³/h at 2.5 bar</td>
<td>23 m³/h at 2 bar</td>
</tr>
<tr>
<td>Fluid inlet</td>
<td>Gravity cup (0.6 l)</td>
<td></td>
<td></td>
<td>Suction cup (1 l)</td>
</tr>
<tr>
<td>Weight(g)</td>
<td>680</td>
<td>740 ± 2%</td>
<td>65% ± 2%</td>
<td>62% ± 2%</td>
</tr>
<tr>
<td>Transfer efficiency (Norm EN 13966-1)</td>
<td>76% ± 2%</td>
<td>74% ± 2%</td>
<td>65%</td>
<td>62%</td>
</tr>
<tr>
<td>Wetted parts</td>
<td>Stainless steel / Handled stainless steel / Anodized aluminum</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AIRSPRAY SPRAYING TECHNOLOGIES**

Creator of airspray technology in 1925, SAMES KREMLIN has always proved its ability to stay innovative in the spraying business. Planner of environmental protection, SAMES KREMLIN has very high transfer efficiency to achieve minimal overspray.

HTI E5 KHVLP technology is designed to decrease the atomization pressure at the aircap. This pressure decrease reduces the speed of paint particles. The bounceback effect on the part is lower: there is less overspray, more paint deposited on the part and a higher transfer efficiency. To balance this pressure decrease, HTI E5 KHVLP technology increases the air volume to achieve very fine paint particles to get an outstanding finish. When painting with higher viscosities, you must use HTI EP5 which features a slightly higher atomization pressure.

For products with an even higher viscosity, like water-based paints for example, HPA technology is the best choice with a higher atomization pressure. For products with extremely high viscosity, we offer the HPA cup pressure-fed guns.

**CUSTOMER BENEFITS**

- Fast return on investment:
  - Product savings (high transfer efficiency up to 76%)
  - Reduced spray booth (filters, paper filters...) service thanks to less VOC

**MATERIALS HANDLED**

One component or two component solvent or water-based materials, varnishes, lacquers, polyurethans, stains, shades or metallic-based.

**RECOMMENDED MARKETS.**

- Furniture
- Auto interior
- Plastics
- Rolling equipment

**OUTSTANDING FINISH QUALITY**

- Available in HTi (very low pressure and low pressure) and HPA (high atomization power)
- Very precise 100% SAMES KREMLIN machining of projectors (aircap + nozzle + needle)
- Very fine atomization for ultimate gloss
- Tulip fan shape for easy application
- High quality anodized coating

**MODULARITY**

- Stainless steel fluid passages: compatible with a large range of solvent and water-based materials.
- Large range of projectors: (aircap + nozzle + needle): for all applications.
- Polyacetal gravity cup (0.6 l) for water- or solvent-water-based materials.
- PEHD gravity cup (0.6 l) for polyurethane (PU) and precatalyzed materials
- Aluminium Suction cup (1 l) for solvent-based materials.

**ERGONOMY**

- Very comfortable grip and use
- Reduced repetitive strain injuries (RSI)
- Perfectly balanced
- One of the lightest in its category
- Reduced trigger effort thanks to in-line air valve
- EZ-Adjust aircap to ease its rotation adjustment

**OUR GRAVITY OR SUCTION MANUAL GUNS RANGE**

- M22 G HTi
- M22 G HPA
- M22 GSP Pressure Cup
- M22 A HPA