## Equipment

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPH707 SB without coil</td>
<td>910017884</td>
</tr>
<tr>
<td>PPH707 SB</td>
<td>910004013</td>
</tr>
</tbody>
</table>

## Kits

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric kit : GNM200 220V + low voltage cable + BSC 300 + microphone</td>
<td>910027015</td>
</tr>
<tr>
<td>Electric kit : GNM200 110V + low voltage cable + BSC 300 + microphone</td>
<td>910027248</td>
</tr>
</tbody>
</table>

## Spare parts

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>BELL CUP EC35 Aluminum, Straight serration</td>
<td>910000636</td>
</tr>
<tr>
<td>BELL CUP EC35 Titanium, Straight serration</td>
<td>910011188</td>
</tr>
<tr>
<td>BELL CUP EC50 Aluminum, Straight serration</td>
<td>910003159</td>
</tr>
<tr>
<td>BELL CUP EC50 Titanium, Straight serration</td>
<td>910008756</td>
</tr>
<tr>
<td>MICROVALVE D6 White cover - Orange indicator</td>
<td>1507375</td>
</tr>
<tr>
<td>MICROVALVE White cover - Orange indicator</td>
<td>1510004</td>
</tr>
<tr>
<td>O-RING KIT (HIGH SPEED TURBINE) 14 seal</td>
<td>910003415</td>
</tr>
<tr>
<td>O-RING KIT (HIGH SPEED TURBINE) 34 seal</td>
<td>910003416</td>
</tr>
</tbody>
</table>

---

**PPH707 SB**

Robotic Rotary Atomizer for Solvent-Based Material

Electrostatic / Robotic Bells

---

THE ROBOTIC ELECTROSTATIC ATOMIZER FOR AUTOMOTIVE

- **High performance bell atomizer**
- **High reliability for Automotive applications**
- **Easy to maintain**

---

**Markets**

**Automotive**

**Agricultural**

**Construction**

**Industrial**

**Transportation**

---

**Apply your Skills**

www.sames-kremlin.com
PPH707 SB

Robotic Rotary Atomizer for Solvent-Based Material

A sprayer designed for electrostatic applications with internal charge of solvent-based paint.

The full range of bell cups for the right application:

- **EC35** NW: variable pattern from very narrow to small pattern
  - Interior cut-ins, narrow shapes
  - Base coat & Clear coat

- **EC50** NW: variable pattern from narrow to large pattern
  - Bumper, interior
  - Primer, Base coat & Clear coat

- **EC50** PSW: Primer Super Wide for large pattern
  - Exterior body, flat panels
  - Primer coat

- **EC50** CSW: Clear coat Super Wide for large pattern
  - Exterior body, flat panels
  - Clear coat

- **EX65** NW: variable pattern from narrow to large pattern & fine atomization
  - Bumper
  - Base coat 1 & 2

- **EX80** BSW: Base coat Super Wide for very large pattern & finest atomization
  - Exterior body, flat panels
  - Base coat 1 & 2

Download NW bell system manual here.

**Technical data table**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Value</th>
<th>Unit (metric)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>7 (15)</td>
<td>kg (lbs)</td>
</tr>
<tr>
<td>Pressure Scale Working</td>
<td>80 - 100</td>
<td>bar (psi)</td>
</tr>
<tr>
<td>Standard Paint Supply Pressure</td>
<td>100 - 116</td>
<td>bar (psi)</td>
</tr>
<tr>
<td>Maximum Paint Pressure</td>
<td>110</td>
<td>bar (psi)</td>
</tr>
<tr>
<td>Minimum Paint Flow</td>
<td>0.005</td>
<td>cc/min, (gal/min)</td>
</tr>
<tr>
<td>Maximum Paint Flow</td>
<td>1.005</td>
<td>cc/min, (gal/min)</td>
</tr>
<tr>
<td>Minimum Press Line Flow</td>
<td>1000 - 3000</td>
<td>cc/min, (gal/min)</td>
</tr>
<tr>
<td>Maximum Press Line Flow</td>
<td>3000 - 1100</td>
<td>cc/min, (gal/min)</td>
</tr>
<tr>
<td>Reduction Speed</td>
<td>15 - 45000</td>
<td>rpm</td>
</tr>
<tr>
<td>Voltage Max</td>
<td>100</td>
<td>kV</td>
</tr>
<tr>
<td>Current Max</td>
<td>200</td>
<td>µA</td>
</tr>
<tr>
<td>Paint Reversal</td>
<td>180°</td>
<td></td>
</tr>
</tbody>
</table>

**Performance**

1. High rotating speed whatever the paint flow for the finest atomizing
2. High voltage unit gives the maximum electrostatic effect for highest transfer efficiency possible
3. Hi-TE dual shaping air with patented mixing straight and vortex airs

**Productivity**

4. Full Bell/Bell process: Primer, Basecoat 1, Basecoat 2, Primer thanks to a range of 4 bell cups size
5. NW air shroud (Narrow Wide) allow fast & flexible pattern to adapt to complex parts to paint.
6. Lightweight design makes PPH 707 SB available for all painting robot
7. Remote bell monitoring device avoid to spray without the bell cup, securing the painting process after a shut down.

**Sustainability**

8. High reliability of every component (2.5 million cycle valve life, long life high voltage, 7 years warranty air motor, robust fittings, magnetic bell cup) for high production rate paintshop
9. Titanium bellcup for longer life
10. Magnetic bellcup fastening system: the easiest system on the market

**Description**

- ATEX Regulation
- Electrostatic
- EX Shape
- High Speed Turbine
- Hi-TE
- Quick Disconnect
- Internal Charge
- Magnetic Cup
- Rotating Bell

- Bond
- Protect
- Beautify
11. Best warranty air motor on the market: 7 year/30,000 hr turbine warranty*

12. Easy to maintain the full atomizer thanks to the Quick disconnect

*whichever is sooner

www.sames-kremlin.com