**CS 1 - CS 5 - CS 10 ASP**  
**Vacuum Welding Pen 1 DaN, 5 DaN and 10 DaN,**

**DESCRIPTION:**
- Welding pressure is set with a knurled screw located at the front of the pen.
- Ergonomic body in aluminium or in plastic with flange.
- Equipped with a dry contact plug (Amphenol).

**APPLICATIONS:**
- Welding pen to spot weld stainless steel or tin balls, brazing alloys, parts of small sizes as thermocouples or strain gauge assembled with bigger parts.
- CS ASP vacuum system allows to maintain the ball on the electrode only by vacuum (hollow electrode).
- CS ASP pen is essentially used to position parts before brazing (jet engine blades, saxophone parts, etc.).

**CHARACTERISTICS:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CS 1 ASP</th>
<th>CS 5 ASP</th>
<th>CS 10 ASP</th>
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<tbody>
<tr>
<td>FORCE MAXI</td>
<td>1 DaN</td>
<td>5 DaN</td>
<td>10 DaN</td>
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<tr>
<td>ELECTRODE</td>
<td>CS 340 ASP</td>
<td>CS 340 ASP</td>
<td>CS 650 ASP</td>
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<tr>
<td>ELECTRODE DIAMETER</td>
<td>Ø 3</td>
<td>Ø 3</td>
<td>Ø 6</td>
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<tr>
<td>CABLE SECTION</td>
<td>16 mm²</td>
<td>16 mm²</td>
<td>35 mm²</td>
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<tr>
<td>CABLE LENGTH</td>
<td>1200 mm</td>
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The cable can be equipped with an eyepit type connection or with a quick disconnected plug.

**Linked products**
- PA VACUUM PUMP
- PM GROUND CLAMP
- PMMS GROUND CLAMP WITH SOFT JAWS

**Dedicated applications**
- Pointage avant brasage