Spare Parts List

PG 2-AE2  Automatic Enamel Gun
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1. **Spare Parts List**

1.1 **Ordering Spare Parts**

When ordering spare parts for powder coating equipment, please indicate the following specifications:

1. Type, and serial number of your powder coating equipment
2. Order number, quantity, and description of *each* spare part

Example:

1. **Type** PG 2-AE2, **Serial no:** xxxx xxxx
2. **Order no:** 232 564, 2 pieces, O-ring gasket

When ordering cable or hose material the lengths required must also be given.
The spare part numbers of yard/metre ware always begins with 1... and are always marked with an * in the spare parts list.
Wear parts are always marked with a #.
All dimensions of plastic powder hoses are quoted as external (o/d), and internal (i/d) diameters:

   e.g.

   ø 8 / 6 mm = 8 mm outside diameter (o/d) / 6 mm inside diameter (i/d).
2. PG 2-AE2 Automatic enamel gun

Notes:

1. Only those parts have been included in the spare parts list which can be replaced by the user without difficulty.

2. If a part of the shaft (1) is broken or the High-Voltage cascade in the shaft is defective, then the complete shaft must be returned to an ITW Gema service centre to be inspected and/or repaired. The High-Voltage cascade is fitted according to a special process and therefore should not be dismantled by the user.
   The shaft assembly, however, can be replaced as a spare part. See next page.

3. If the gun cable (13) is defective, the complete gun cable assembly should be returned for repair.

2.1 PG 2-AE2 Automatic enamel gun

fig. 1
## 2.1 PG 2-AE2 Automatic enamel gun

**PG 2-AE2** Automatic Enamel gun  
(complete, without items 5 and 17)  

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
</table>
| 405 094 | Gun body complete  
(incl. items 1, 7, 8, 9, 10, 15) |        |
| 1    | Shaft (complete, with item 2)                    | 361 534 |
| 2    | Sealing rod - complete                          | 361 526 |
| 2.1  | O-ring gasket ø 6.1 x 1.6                       | 232 432#|
| 3    | Threaded sleeve                                 | 404 101 |
| 4    | Flat jet nozzle set                             | 404 225 |
| 5    | Rinsing air hose ø 6 / 4                        | 103 840* |
| 6    | Quick release connection                        |        |
| 7    | Special screw                                    | 248 827 |
| 8    | Gasket                                           | 360 236 |
| 9    | Gun support bracket                              | 405 388 |
| 10   | Milled screw                                     | 239 879 |
| 12   | O-ring gasket ø 7.65 x 1.78                     | 232 564 |
| 13   | Gun cable, complete with 20 m cable, and        |        |
|      | items 12, 14 16                                  | 360 600 |
| 13.1 | Cable only (for item 13)                        | 103 454* |
| 14   | O-ring gasket ø 10.82 x 1.78                    | 232 556 |
| 15   | Enamel hose connector/Enamel tube (complete)    | 405 035 |
| 16   | 7-pin plug                                       | 200 085 |
| 17   | Enamel hose - ø 16/11 mm                        | 103 012#* |
| 20   | Spiral brush for PG 2-AE2                       | 389 765 |
| 21   | Small parts set                                  | 361 712 |

* Indicate length required  
# Wear part
2.2 Inclined deflector set for PG 2-AE2

Inclined deflector plate set (complete- without item 1.1) 405 043
Inclined deflector plate set for extensions (complete- without item 1) 405 027

1 Threaded sleeve 405 191
1.1 Threaded sleeve for extensions 404 748
2 Deflector plate holder 403 890
3 Plastic screw M 6x12 239 593#
4 Cylindrical pin 402 850
5 Inclined deflector plate 402 915#
6 Sleeve 403 881
7 Plastic grub screw M 6x10 234 320
8 Muzzle 404 233#

fig. 2

# Wear part
2.3 Deflector plate set for PG 2-AE2

Deflector plate set (complete - without item 1.1) 404 993
Deflector plate set for extensions (complete - without item 1) 404 985

1 Threaded sleeve 405 191
1.1 Threaded sleeve for extensions 404 748
2 Clamp plate 403 865
3 Plastic screw M 4x12 220 787
4 Deflector rod 403 970#
5 Deflector plate 403 946#
6 Sleeve 403 857
7 Plastic grub screw M 6x10 234 320
8 Muzzle 404 233#

# Wear part

fig. 3
### 2.4 Round deflector set for PG 2-AE2 enamel gun

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Round deflector ø 15</td>
<td>400262#</td>
</tr>
<tr>
<td>1.1</td>
<td>Round deflector ø 24</td>
<td>400181#</td>
</tr>
<tr>
<td>1.2</td>
<td>Round deflector ø 28</td>
<td>400254#</td>
</tr>
<tr>
<td>1.3</td>
<td>Round deflector ø 32</td>
<td>400238#</td>
</tr>
<tr>
<td>1.4</td>
<td>Round deflector ø 50</td>
<td>400246#</td>
</tr>
<tr>
<td>2</td>
<td>Threaded sleeve</td>
<td>405647</td>
</tr>
<tr>
<td>3</td>
<td>Muzzle</td>
<td>405639#</td>
</tr>
<tr>
<td>4</td>
<td>Deflector rod (complete)</td>
<td>405582#</td>
</tr>
</tbody>
</table>

**Danger of injury:** Great care should be taken when handling the deflector rod as the tip (Item 5) has sharp point!!

# Wear part

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fig. 4
2.5 Flat jet nozzle set for PG 2-AE2

Flat jet nozzle set (without item 1) 404 225

1 Threaded sleeve 404 101
2 Flat jet nozzle 404 128#
3 Electrode holder 404 209#
4 Contact ring 318 760#

# Wear part

fig. 5