SP Terminal Units

Pneumatech MGS East & Zeus SP terminal units provide a safe means of supplying medical equipment with medical gases from the central gas supply system. They are manufactured to accept only the gas specific probes to prevent interchangeability between different types of services. The East and Zeus SP gas-specific terminal units are attached permanently via copper tube or semi-permanently via medical gas hose assemblies to the facility gas distribution pipeline system and allow mechanical connection to and gas flow through a suitable connector.

Classification
- Gas and vacuum specific terminal units designed to BS EN 9170-1
- Terminal units compatible with medical gas probes to BS 5682.
- Carbon Dioxide and Nitrogen designed to accept NIST probes to BS EN 15908 and 5359
- CE 0088 marked

Services
- Oxygen
- Nitrous Oxide
- 50% Oxygen / 50% Nitrous Oxide
- Air 400 kPa
- Air 700 kPa
- Medical Vacuum
- Carbon Dioxide
- Nitrogen

Terminal Block
Machined brass incorporating seal plate, check valve and brazed copper stub pipe
Gas and vacuum indexed
Fully degreased for Oxygen use

Check Valve Assembly
- Machined brass incorporating spring operated shut-off valve
- Fully degreased for Oxygen use

Tailpipe Options
- Top, bottom, left and right side entry

Socket Assembly
- East SP
  - Zinc die-casting
  - Black Teflon coated body
  - Copper / zinc finished interlock ring
  - Stainless steel rolling pins
- Zeus SP
  - Moulded polymer
  - Teflon coated stainless steel rolling pins
Wall and Bedhead Mounted Fitting. Top, Bottom, Side or Back Entry tailpipe

Part Numbers

<table>
<thead>
<tr>
<th>Service</th>
<th>1st Fix Block Top Entry</th>
<th>1st Fix Block Back Entry</th>
<th>East SP 2nd Fix</th>
<th>Zeus SP 2nd Fix</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NON SWIVEL</td>
<td>SWIVEL</td>
</tr>
<tr>
<td>Oxygen</td>
<td>360130</td>
<td>360940</td>
<td>8102341184</td>
<td>8102341190</td>
</tr>
<tr>
<td>Nitrous Oxide</td>
<td>360131</td>
<td>360941</td>
<td>8102341185</td>
<td>8102341191</td>
</tr>
<tr>
<td>50% O2 / 50% N2O</td>
<td>360132</td>
<td>360942</td>
<td>8102341186</td>
<td>8102341192</td>
</tr>
<tr>
<td>Air 400 kPa</td>
<td>360133</td>
<td>360943</td>
<td>8102341187</td>
<td>8102341193</td>
</tr>
<tr>
<td>Air 700 kPa</td>
<td>360134</td>
<td>360944</td>
<td>8102341188</td>
<td>8102341194</td>
</tr>
<tr>
<td>Vacuum</td>
<td>360145</td>
<td>360945</td>
<td>8102341189</td>
<td>8102341195</td>
</tr>
<tr>
<td>AGSS</td>
<td>360146</td>
<td>360956</td>
<td></td>
<td>8102341280</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>360227</td>
<td>n.d.</td>
<td></td>
<td>8102341281</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>360509</td>
<td>n.d.</td>
<td></td>
<td>8102341282</td>
</tr>
</tbody>
</table>

All dimensions are in millimetres

Top, Bottom, Side Entry, with Tailpipe (125 mm)

Installed Height
Recommended installation height for all wall outlets is 900 to 1400 mm above floor level

Installed size
N/A

Note:
4 off M5 x 35 studs to be provided in the bedhead unit

Back Entry
With Tailpipe

Installed Height
Recommended installation height for all wall outlets is 900 to 1400 mm above floor level

Installed size
N/A

Note:
4 off M5 x 35 studs to be provided in the bedhead unit

Note:
4 off M5 x 35 studs to be provided in the bedhead unit
Wall and Bedhead Mounted Fitting. Top, Bottom, Side or Back Entry tailpipe

Surface fitting with tailpipe
Flush fitting with tailpipe
Back Entry tailpipe

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Product numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Socket and check valve assembly</td>
<td>gas specific</td>
</tr>
<tr>
<td>Plaster Shield</td>
<td>3268005</td>
</tr>
<tr>
<td>Installation kit ¹</td>
<td>8102341159</td>
</tr>
<tr>
<td>Flush surround</td>
<td>3268009</td>
</tr>
<tr>
<td>Terminal block</td>
<td>gas specific</td>
</tr>
<tr>
<td>Bedhead mount 'Installation Kit' ²</td>
<td>3268008</td>
</tr>
</tbody>
</table>

¹ Installation kit consist of: back box, cover box, surface fascia - white ABS.
² Bedhead mount ‘Installation Kit’ is not required in case of wall mount.

Note:
- For Carbon Dioxide & Nitrogen consult PMGS Technical department
- All dimensions are in millimetres;
- Image also includes additional components, see Options table.
- Recommended installation height for all wall outlets is 900 to 1400 mm above floor level;
Pendant Mounted

Classification
- Gas and vacuum specific terminal units designed to BS EN 9170-1.
- Terminal units compatible with medical gas probes to BS 5682.
- Soldered NIST connections are designed to BS EN 15908 & 5359
- Carbon Dioxide and Nitrogen designed to accept NIST probes to BS EN 15908 and 5359
- CE marked

Services
- Oxygen
- Nitrous Oxide
- 50% Oxygen / 50% Nitrous Oxide
- Air 400 kPa
- Air 700 kPa
- Medical Vacuum
- Carbon Dioxide
- Nitrogen

Terminal Block
- Machined brass incorporating seal plate, check valve and brazed copper stub pipe
- Gas and vacuum indexed
- Fully degreased for Oxygen use

Check Valve Assembly
- Machined brass incorporating spring operated shut-off valve
- Fully degreased for Oxygen use

Socket Assembly
- East SP

Product Numbers
Pendant or Boom with NIST connector

<table>
<thead>
<tr>
<th>Service</th>
<th>East SP</th>
<th>Zeus SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen</td>
<td>8102341202 8102341214 8102341208 8102341220 8102341250 8102341262 8102341256 8102341268</td>
<td></td>
</tr>
<tr>
<td>Nitrous Oxide</td>
<td>8102341203 8102341215 8102341209 8102341221 8102341251 8102341263 8102341257 8102341269</td>
<td></td>
</tr>
<tr>
<td>50% O2 / 50% N2O</td>
<td>8102341204 8102341216 8102341210 8102341222 8102341252 8102341264 8102341258 8102341270</td>
<td></td>
</tr>
<tr>
<td>Air 400 kPa</td>
<td>8102341205 8102341217 8102341211 8102341223 8102341253 8102341265 8102341259 8102341271</td>
<td></td>
</tr>
<tr>
<td>Air 700 kPa</td>
<td>8102341206 8102341218 8102341212 8102341224 8102341254 8102341266 8102341260 8102341272</td>
<td></td>
</tr>
<tr>
<td>Vacuum</td>
<td>8102341207 8102341219 8102341213 8102341225 8102341255 8102341267 8102341261 8102341272</td>
<td></td>
</tr>
<tr>
<td>AGSS</td>
<td>8102341284 8102341287 8102341284 8102341287 8102341284 8102341287</td>
<td></td>
</tr>
<tr>
<td>CO2</td>
<td>8102341285 8102341288 8102341285 8102341288</td>
<td></td>
</tr>
<tr>
<td>Nitrogen</td>
<td>8102341286 8102341289 8102341286 8102341289</td>
<td></td>
</tr>
</tbody>
</table>
Pendant Mounted

Pendant or Boom with NIST connector
(For Carbon Dioxide and Nitrogen dimensions consult Pneumatech MGS Technical department)

Flexible Pendant Head with NIST Connector
(For Carbon Dioxide and Nitrogen dimensions consult Pneumatech MGS Technical department)

All dimensions are in millimetres