VENTURI TM2 EJECTORS

SUCTION

VENTURI TM2 EJECTORS

TECHNOLOGIE MEDICALE
RAIL MOUNTING SYSTEMS

BS rail mounting systems

AFNOR rail mounting systems

DIN rail mounting systems

US OHMEDA rail mounting systems

NORDIC rail mounting systems

UNI rail mounting systems

DISS rail mounting systems

Other standards available upon request.
DIRECT PROBES

AFNOR direct probes

BS direct probes

CZECH direct probes

DIN direct probes

US OHMEDA direct probes

NORDIC direct probes

DISS direct probes

UNI direct probes

CARBUROS direct probes

Other standards available upon request.
VENTURI TM2 EJECTOR

The VENTURI TM2 ejector is used to create, to adjust and to measure a suction from a source of pressured gas on the wall or from a cylinder (oxygen or medical air). It enables to suck in liquids or mucus in the absence of vacuum pipeline network. The VENTURI TM2 ejector should be connected either to a source of pressured gas on the wall, using a direct probe or a rail mounting system, or to a cylinder through a pressure regulator fitted with a quick-release connector. The VENTURI TM2 ejector should be associated with a collection jar and a suction hose.

Main technical features:
Medical device of class IIa.
In compliance with the EN ISO 10079-3 standard
Inlet pressure: 4 bar +1/-0 in compliance with the EN ISO 7396-1: 2007 standard.

<table>
<thead>
<tr>
<th>Suction flowrate</th>
<th>Suction flowrate</th>
<th>Maximum vacuum</th>
<th>Maximum vacuum</th>
<th>Limited gas consumption</th>
<th>Limited gas consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1000 mbar / 0-760 mmHg</td>
<td>0-250 mbar / 0-200 mmHg</td>
<td>800 mbar ± 50 mbar</td>
<td>608 mmHg ± 38 mmHg</td>
<td>60 l/min à 800 mbar</td>
<td>60 l/min à 608 mmHg</td>
</tr>
<tr>
<td>40 l/min à 800 mbar</td>
<td>40 l/min à 200 mmHg</td>
<td>250 mbar ± 50 mbar</td>
<td>200 mmHg ± 38 mmHg</td>
<td>60 l/min à 800 mbar</td>
<td>55 l/min à 200 mmHg</td>
</tr>
</tbody>
</table>

- Vacuum gauge protected by a plastic housing. Easy cleaning.
- Anodized aluminium body ensuring a great robustness.
- Silencer: high performances.
- Supplied in standard with a 100 ml safety jar with plastic front filter to protect the device against any liquids’ overflow.
- 3 in 1 system (patented)
  Device with a metal outlet tubing nipple integrated in the body of the VENTURI TM2: for a better safety, emergency suctions can even be processed if running out of stock of filters or safety jars.
- A unit serial number is engraved on the body of each device ensuring its identification and traceability. 8 digits number indicating the manufacturing year and month as well as the unit serial number of the device.

Many versions available:
- Suction levels:
  0-1000 mbar and 0-760 mmHg
  0-250 mbar and 0-200 mmHg
- Available gases: OXYGEN - MEDICAL AIR
- Inlets: 12x100 F - 1/4G M - 1/8NPT F - 3/8G BSP F
- Analog or digital vacuum gauge
- Unit of measurement: mbar or mmHg
- Supplied with 100 ml safety jar with antibacterial front filter. The jar is made of polycarbonate. It is unbreakable and is fitted with an anti-overflow safety device.
- Also available with a 1/2G threaded outlet tubing nipple or a 150 or 500 ml safety jar with paper filter in the cover.
- Available connections to the wall outlet: direct probe or rail mounting system.
- Standards: AFNOR (French standard) - BS (British standard) - DIN (German standard) - US OHMEDA DIAMOND (American standard) - NORDIC (Scandinavian standard) - DISS (American standard) - UNI (Italian standard) …
- Weight (with 100 ml safety jar and without direct probe): 500 g
- Dimensions (with 100 ml safety jar and without direct probe): Height 210 mm x Width 95 mm x Depth 110 mm

Use, cleaning and maintenance:
The adjustment of the VENTURI TM2 ejector must be carried out in closed circuit.
- Block the outlet of the VENTURI TM2.
- Gradually turn the regulation knob to the left till the needle indicates the requested suction level on the vacuum gauge.
Cleaning: use a disinfectant cleaner for medical devices. Leave to dry before using the device. Do not lay under water. Replace the silencer once a year.
Change the antibacterial filter of the safety jar after each patient.
For the 100 ml safety jar with plastic front filter it is no longer necessary to sterilize the jar except in case of accidental liquids’ overflow or perforated filter.
For the 150 ml and 500 ml safety jars with paper filter in the cover disinfect the jars each time you change the filter. The safety jars are autoclavable up to 134°C.

Consumables:
1. Tube of 10 antibacterial plastic filters
2. Box of 100 antibacterial paper filters
3. Silencer
**V01-E**
- Digital VENTURI TM2 ejector 0-250 mbar with 100 ml safety jar (antibacterial front filter).

**V02-E**
- VENTURI TM2 ejector 0-760 mmHg with 500 ml safety jar with paper filter (in the cover).

**V03-E**
- VENTURI TM2 ejector 0-1000 mbar with integrated tubing nipple mounted with medical AIR DIN rail mounting system with polycarbonate universal rail clamp.
### Suction

<table>
<thead>
<tr>
<th>Standard</th>
<th>Model</th>
<th>Description</th>
<th>ANALOG</th>
<th>DIGITAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AFNOR</strong></td>
<td>Ejectors</td>
<td>Mounted with AFNOR direct probe</td>
<td>Ejector with 100 ml safety jar, plastic front filter</td>
<td>20207</td>
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<tr>
<td></td>
<td></td>
<td>Ejector with 150 ml safety jar, paper filter</td>
<td>20211</td>
<td>20269</td>
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<tr>
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<td>Ejector with 500 ml safety jar, paper filter</td>
<td>20215</td>
<td>20271</td>
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<td>Ejector with integrated outlet tubing nipple</td>
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<tr>
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<td>Ejector with 1/2G outlet tubing nipple</td>
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<td>20273</td>
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<td><strong>BS</strong></td>
<td>Ejectors</td>
<td>Mounted with BS direct probe</td>
<td>Ejector with 100 ml safety jar, plastic front filter</td>
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<td>Ejector with 150 ml safety jar, paper filter</td>
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<td>Ejector with 500 ml safety jar, paper filter</td>
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<td>Ejector with integrated outlet tubing nipple</td>
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<tr>
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<td>Ejector with 1/2G outlet tubing nipple</td>
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<td><strong>UNI</strong></td>
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<td>Ejector with 100 ml safety jar, plastic front filter</td>
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<td>Ejector with 1/2G outlet tubing nipple</td>
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<tr>
<td><strong>CARBUROS</strong></td>
<td>Ejectors</td>
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<td>Ejector with 100 ml safety jar, plastic front filter</td>
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<td>Ejector with integrated outlet tubing nipple</td>
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<td>Ejector with 1/2G outlet tubing nipple</td>
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<td><strong>CZECH</strong></td>
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<td>Ejector with 100 ml safety jar, plastic front filter</td>
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<td>Ejector with 1/2G outlet tubing nipple</td>
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<td><strong>NORDIC</strong></td>
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<td></td>
<td>Ejector with 1/2G outlet tubing nipple</td>
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</tbody>
</table>

Also available with a rail mounting system.
### OHMEDA
**American Standard**

**Mounted with OHMEDA direct probe**

<table>
<thead>
<tr>
<th>Description</th>
<th>Reference</th>
<th>O₂/₃</th>
<th>Air</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ejector with 100 ml safety jar, paper filter</td>
<td>20517 – 20527</td>
<td>20516 – 20526</td>
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<tr>
<td>Ejector with 150 ml safety jar, paper filter</td>
<td>20519 – 20529</td>
<td>20518 – 20528</td>
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<tr>
<td>Ejector with 500 ml safety jar, paper filter</td>
<td>20521 – 20531</td>
<td>20520 – 20530</td>
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<tr>
<td>Ejector with integrated outlet tubing nipple</td>
<td>20525 – 20535</td>
<td>20524 – 20534</td>
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<tr>
<td>Ejector with 1/2G outlet tubing nipple</td>
<td>20523 – 20533</td>
<td>20522 – 20532</td>
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</tr>
</tbody>
</table>

Also available in ISO colours.

### DISS
**American Standard**

**Mounted with DISS direct probe**

<table>
<thead>
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<td>20422 – 20432</td>
<td></td>
</tr>
</tbody>
</table>

### DIN
**German Standard**

**Mounted with DIN direct probe**

<table>
<thead>
<tr>
<th>Description</th>
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<th>O₂/₃</th>
<th>Air</th>
<th>O₂/Air</th>
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</thead>
<tbody>
<tr>
<td>Ejector with 100 ml safety jar, paper filter</td>
<td>20377 – 20397</td>
<td>20397</td>
<td>20376 – 20397</td>
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<td>Ejector with 150 ml safety jar, paper filter</td>
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<tr>
<td>Ejector with 500 ml safety jar, paper filter</td>
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<td>Ejector with integrated outlet tubing nipple</td>
<td>20393 – 20413</td>
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<td>Ejector with 1/2G outlet tubing nipple</td>
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<td>20408</td>
<td>20388</td>
<td>20583</td>
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</tbody>
</table>

Also available with a rail mounting system.

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**Reference**

1. 18739
2. 18741
3. 19488
4. 20149
5. 19776
6. 19778
7. 19779
8. 19781
9. 20200
10. 11415
11. 20199
12. 15758
13. 11174
14. 11178
15. 11176
16. 20203
17. 20195
18. 18731
19. 18753
20. 18690
21. 17780
22. 11701
23. 11698
24. 17294
25. 17630
26. 11813

**Description**

- 0-1000 mbar analog vacuum gauge
- 0-250 mbar analog vacuum gauge
- 0-760 mmHg analog vacuum gauge
- 0-200 mbar analog vacuum gauge
- 0-1000 mbar digital vacuum gauge
- 0-250 mbar digital vacuum gauge
- 0-760 mmHg digital vacuum gauge
- 0-200 mbar digital vacuum gauge
- Pin
- Vacuum gauge O-ring
- Vacuum gauge screws
- Inlet O-ring
- Inlet adapter 1/8 NPT F
- Inlet adapter 1/4G M
- Inlet adapter 1/8 NPT F
- Complete knob 1/8 NPT F
- Air silencer
- Outlet O-ring
- 100 ml safety jar, complete with cover
- White cover only
- Jar O-ring
- Safety O-ring
- Safety ball
- Safety cage
- 100 ml bottle only
- Antibacterial plastic filter (tube of 10)