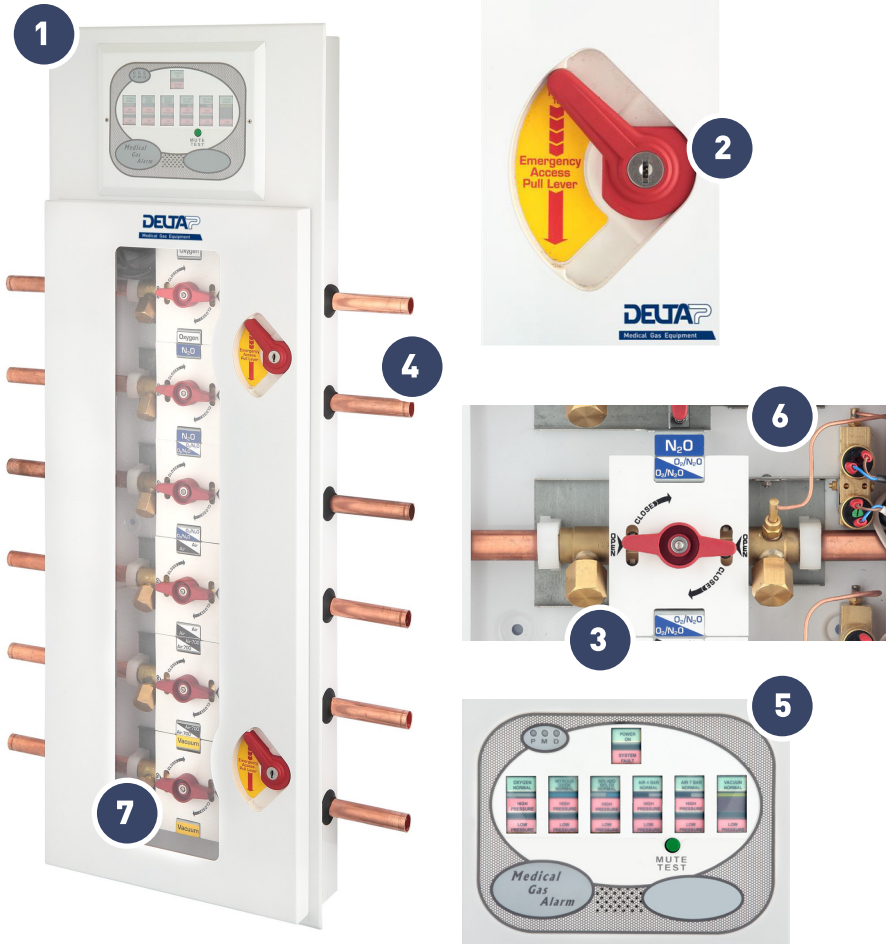


Multi-gas area valve service units (AVSUs)
HTM 2022 / 02-01



Key features

- 1 **Modularity:** different configurations available on request :
 - From 2 to 6 gases configurations
 - with or without pressure switches,
 - With or without integrated alarm system
 - Housed in a white powder coated steel enclosure.
- 2 Access to valve assemblies via key lock or emergency release lever. **Emergency release mechanism easily operated with no risk of injury to personnel, reset with the correct key.**
- 3 Equipped with NIST connectors either side of the valves for connection of emergency supply or for purging, testing and gas sampling and pressure relief valves.
- 4 Comprising $\varnothing 22\text{mm}$ or $\varnothing 28\text{mm}$ ball valves with copper stub pipes for brazing to the pipeline system.
- 5 Integrated alarm panel available
- 6 Available with pressure sensors located downstream of valves to monitor pipeline pressure, for connection to area alarm panel.
- 7 Door can be closed with hose assemblies connected to NISTs to prevent unauthorised access.

General Description

Multi Gas **AVSUs** are used to isolate a gas supply in the event of an emergency or during installation and maintenance.
The Multi Gas AVSUs supplied from **Delta p** meets the requirements of **HTM 02-01** & **HTM 2022** Medical Gas Pipeline Systems, **BS EN ISO 7396-1** Medical Gas Pipeline Systems, **BS EN ISO 18082 NIST** Low pressure connectors for medical gases.
Flush or surface mounted installation models are available.

Technical Data FULLY AUTOMATIC MANIFOLD CONTROL PANEL

COMPLYING TO HTM 02-01, HTM 2022, ISO 7396-1 standards

SUITABLE FOR FOLLOWING GASES O₂ | N₂O | CO₂ | MEDICAL AIR | N₂ | 50% N₂O / 50% O₂ | CO₂ | SURGICAL AIR | VACUUM (other gases available on request)

WORKING PRESSURE 4 barg (for O₂, N₂O, MEDICAL AIR, CO₂, 50% N₂O / 50% O₂)
7 barg (for SURGICAL AIR)
-1÷ -0.4 bar (for VACUUM)

INPUT / OUTPUT -22 mm
PIPES DIMENSIONS -28 mm

Multi-gas area valve service units (AVSUs)

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Multi-gas area valve service units (AVSUs) **HTM 2022 / 02-01**

ENG

Models

22mm Multi Gas AVSU

(with Alarm and pressure switches)

- 2 Gas, 22mm
- 3 Gas, 22mm
- 4 Gas, 22mm
- 5 Gas, 22mm
- 6 Gas, 22mm

28mm Multi Gas AVSU

(with Alarm and pressure switches)

- 2 Gas, 22mm
- 3 Gas, 22mm
- 4 Gas, 22mm
- 5 Gas, 22mm
- 6 Gas, 22mm

22mm Multi Gas AVSU

(No Alarm with pressure switches)

- 2 Gas, 22mm
- 3 Gas, 22mm
- 4 Gas, 22mm
- 5 Gas, 22mm
- 6 Gas, 22mm

28mm Multi Gas AVSU

(No Alarm with pressure switches)

- 2 Gas, 22mm
- 3 Gas, 22mm
- 4 Gas, 22mm
- 5 Gas, 22mm
- 6 Gas, 22mm

22mm Multi Gas AVSU

(No Alarm or pressure switches)

- 2 Gas, 22mm
- 3 Gas, 22mm
- 4 Gas, 22mm
- 5 Gas, 22mm
- 6 Gas, 22mm

28mm Multi Gas AVSU

(No Alarm or pressure switches)

- 2 Gas, 22mm
- 3 Gas, 22mm
- 4 Gas, 22mm
- 5 Gas, 22mm
- 6 Gas, 22mm

