

Mobile Unit for Vaporization – MoUV



The MoUV is designed for the transfilling of **new generation** dielectric mixtures from liquid source to GIS compartments and back.

A **new technology** of gas handling unit for high voltage equipment insulation.

MoUV ensures safety and efficiency for:

- homogenization
- safe delivery
- efficient recovery

Key benefits

- ✓ Automatic modes
- ✓ Continuous monitoring of mixture homogenization
- ✓ Fast gas transfer
- ✓ Patented technology to handle high flow liquefied gas dispense
- ✓ Pending patent for homogenization monitoring
- ✓ Mobile and autonomous
- ✓ Indoor and outdoor service

Safe and clean

- ✓ Safe heating of gas package
- ✓ Stringent tightness for operator and environment

User data

- Source of gas: 50L cylinder or 530L container*
- Gas mixtures: CO₂, N₂** , Air** and minor gas
- At the equipment output:
 - Gas temperature: 20 to 30°C
 - Max pressure: 15 barg
 - Max delivery flow rate: 24 Nm³/h
 - Recovery flow rate: 10 Nm³/h***

* Other containers available upon request

** To be confirmed by studies

*** Depending on ambient condition



Technical characteristics

Characteristics

MoUV

Total curb weight	< 1,500 kg
Overall length (drawbar in upright position)	< 2,500 mm
Overall height	< 2,000 mm
Overall width	< 1,500 mm
Maximum delivery pressure (PS)	15 barg
Power	< 25 kW
Voltage	400 VAC Tri+N+T
Frequency	50 Hz / 60 Hz
Maximum noise	75 dB
Mini/maxi operating temperature	-20°C/+50°C

Fully compliant with CE marking

Associated services

- Technical assistance
- Spare parts
- Training

Contacts

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* Following the acquisition of Airgas on 23 May 2016