

## ECONOMY SERIES C4/C5



For professional handling of gas mixtures

C4-G057R01

**Service cart for gas mixtures with 3M™ Novec™ 4710\*)**

C5-G057R01

**Service cart for gas mixtures with 3M™ Novec™ 5110\*)**

This series has been specially developed for the emission-free handling of gas mixtures based on 3M™ Novec™ 4710 or 3M™ Novec™ 5110 and its specific requirements. The units are equipped with a temperature control adapted to the mixed gas and allow gas recovery down to a final vacuum of < 1 mbar.

The service carts make the handling of Alternative Gases simple and convenient. Thanks to the fully automated technology the basic functions such as recovery, storage, evacuation and filling can be carried out easily.

The device is characterised by high reliability and allows simple, safe and economical handling of Alternative Gases.



- Devices for storage of liquid gas mixtures are available with a max. storage pressure of 100 bar (pe)
- Recovery of gas mixtures down to < 1 mbar
- Automatic control and 10" capacitive multi-touch panel
- Indication of the important process parameters and graphic display of the selected gas flow on the panel
- Indication units selectable on the panel (e.g. bar/mbar/kg)
- Reversing switch for direction of rotation
- Digital weighing scales for gas mixture cylinders
- Reduction to transport pressure as special function
- Coupling adapted to the basic gas to prevent wrong connection
- Integrated buffer tank (1000 l or 600 l) for gaseous intermediate storage of gas mixtures

\*) 3M and Novec are registered trademarks of 3M.




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**Technical data:**

Dimensions: Length 2.400 mm, Width 950 mm, Height 1.950 mm
Weight: 1.590 kg

**Standard equipment:**

Oilfree DILLO compressor (5.7 m <sup>3</sup> /h [at 50 Hz]; 6.8 m <sup>3</sup> /h [at 60 Hz]), pressure 100 bar
Oilfree suction pump for recovery of gas mixtures (15 m <sup>3</sup> /h [at 50 Hz]; 18 m <sup>3</sup> /h [at 60 Hz]), final vacuum < 1 mbar)
Vacuum pump for evacuation of air (40 m <sup>3</sup> /h [at 50 Hz]; 48 m <sup>3</sup> /h [at 60 Hz], final vacuum < 1 mbar)
Operation and indication of the most important process parameters via 10" multi-touch panel with protective
Adjustable pressure and vacuum units
Evaporator
Dry filter
Particle filter
Digital weighing scales for gas mixture cylinders (with automatic switch off function), 0 - 120 kg with tare function, accuracy ±20 g
Integrated buffer tank (1.000 l or 600 l) for gaseous intermediate storage
1 m long storage connecting hose, coupling tongue part DN20 and basic gas specific thread
Fork lift provisions
Frame with crane eyelets
Tool tray
Fixing and steerable rollers
Different wrenches
Operating manual

**Operating voltage:**

208 - 240 V / 60 Hz
380 - 440 V / 50 Hz or 380 - 480 V / 60 Hz

**Optional accessories at an extra charge:**

5 m long wire braided hose DN20 with protective metal sheathing with coupling tongue part on both ends DN20 (M48) - C4	C4-6-1069-R050
5 m long wire braided hose DN20 with coupling tongue part DN20 on both ends DN20 (M48) - C4	C4-6-1024-R050
5 m long wire braided hose DN20 with protective metal sheathing with coupling tongue part on both ends DN20 (M43) - C5	C5-6-1069-R050
5 m long wire braided hose DN20 with coupling tongue part DN20 on both ends (M43) - C5	C5-6-1024-R050
Plastic tarpaulin (grey)	05-0885-R301

**Packing:**

Packing for C4/C5-G057R01	3-751-R014-C
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