

Refilling system for Air Breathing Apparatus

with safe continuous air analysis control

Refilling speed of the air cylinders limited to **50 bars /min**

An automatic Control unit allows control of :

-refilling speed

-calibrated gaz (CO,CO²,H₂O,O²,COV,...) with alarms for concentrations limits.

Equipment and ext Dimensions : 1500*980*1900



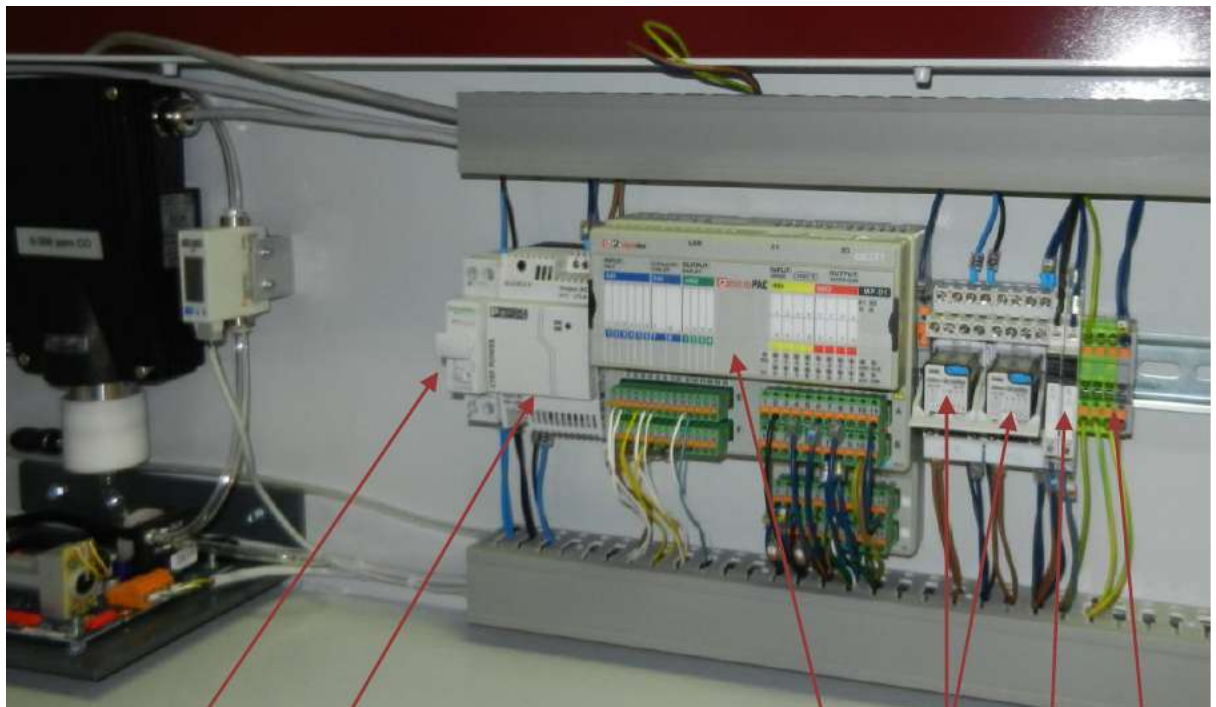
- 1- Air vent chimney
- 2- Continuous analyser of CO,CO²,H₂O,O²,COV
- 3- Main Breaker
- 4- Colour display panel
- 5- Refilling system
- 6- Magnetic contact
- 7- Refilling flexible hoses
- 8- Pneumatic accessories with proportioning valve
- 9- 10-11- Protective door for refilling equipment

Electric and Pneumatic connection:

-HD male Couplings for breathing air with maximum 410 bars

-HP main supply valve for flow control

- electric cable 230 V – 10 A



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- 1-main fuse 10 A
- 2-transformer 220V/24VDc
- 3- automate
- 4-5- relays
- 6-earthing

Continuous gaz analyser with alarms according to EN12021 standard



Alarms:

CO : 15ppm

CO : 700ppm

H₂O : -20°C

O₂ : 20%

COV : 1ppm