

CO₂-Absorber with O₂ connecting tube

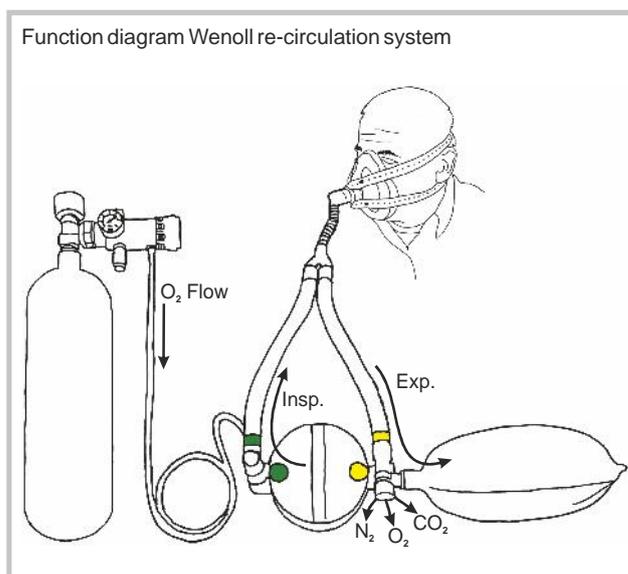
The CO₂-Absorber is the main item of the Wenoll re-circulation system. The application of the Wenoll re-circulation system provides multiple advantages:

- High effectiveness: 100% inspiratory O₂ concentration
- Ideal physiological conditions by breathing warm and humid oxygen
- Long therapy times (7.5 hours with a 2 litres O₂ cylinder, 200 bar)

Inspiration and expiration are automatically operated by valves, integrated in the absorber.

The connections for input/output as well as for the rebreathing bag are designed according to ISO standard. Furthermore they are colour marked. For the constantflow input the O₂ connecting tube (silicone) is already assembled and - due to hygienical reasons - closed with a red locker.

The absorber is filled with the CO₂-absorbing medium **Spherasorb** which is colored purple after use (indicator function, see also maximum duration of treatment). According to capacity of Spherasorb and oxygen there were measured the overleaf application diagrams (depending on the used pressure regulator).

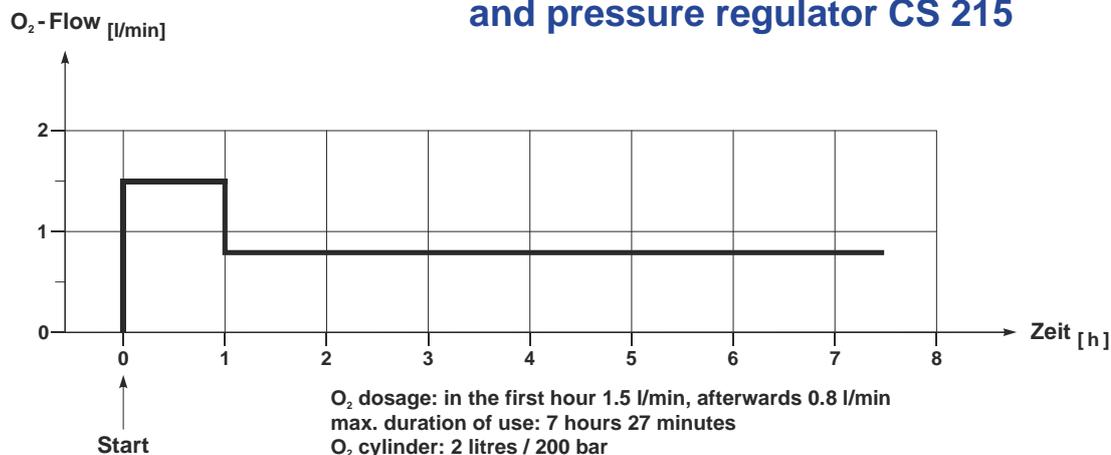


Functional components

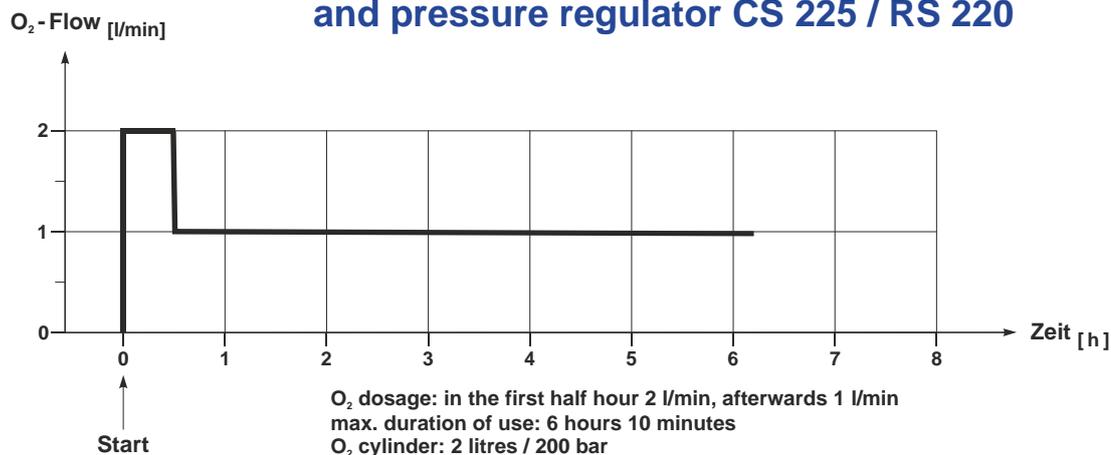


- 1 Cartridge with sodalime Spherasorb 670g
- 2 Connector for tubing of breathing system (Yellow=expiration)
- 3 Connector for tubing of breathing system (green=inspiration)
- 4 Connector for rebreathing bag
- 5 O₂ connecting tube 1.5 m
Silicone 4 x 2 mm (InnenØ x Wdg.)

■ O₂ dosage 1 patient with Wenoll re-circulation system and pressure regulator CS 215



■ O₂ dosage 1 patient with Wenoll re-circulation system and pressure regulator CS 225 / RS 220



■ Durability CO₂-Absorber

Due to hygiene factors the absorber has to be changed after operation (single use system). The storage period is 4 years, afterwards the absorber has to be replaced. There is a corresponding label with date of manufacture (LOT) and expiry date (red sandglass) on the absorber.

Note: Due to PH-differences a coloration of the white filter foam material inside the absorber is possible - this does not affect its function.

■ Dimensions and Weights CO₂-Absorber

Diameter: 145 mm
Weight, complete: 900 g

■ Ordering Information

CO₂-Absorber with O₂ connecting tube, 1.5 m _____ Art.-Nr. 121 050