

## Use

For simultaneous atomizing and suction if no central supply of oxygen or compressed air is possible (emergencies, moving patients, etc.)

## Technical data

- Type: portable stainless steel carrier with a 2-liter oxygen cylinder, for hanging onto a medical instruments rail or a patient bed; all units in chrome-plated all metal design; comprising:
- oxygen pressure reducer with content gauge, fixed adjustment to 5 bar, high-pressure inlet fitting according to DIN 477, standard outlet according to DIN 13252
  - hose connection with standard fittings on both sides according to DIN 13252
  - pressure compensated flow meter with humidifier, floating body indicator (measuring ball), needle valve
  - ejector regulator with overflow bottle, needle valve, quick-action valve
- Capacity: flow meter 0 to 15 l/min., continuously adjustable, max. flow > 60 l/min.  
ejector regulator approx. -0.85 bar, suction capacity max. 15 l/min., oxygen consumption max. 30 l/min.  
bottle volume approx. 400 l
- Dimensions: approx. 500x330x150 (HxLxW)

## Additional information

- When using the equipment, comply with *UVV Sauerstoff* (Accident Prevention Regulation, Oxygen). All units and fittings must be free from oil and grease (explosion hazard)!
- Never use tools when connecting pressure reducer or accessories! To disconnect pressure reducer from bottle, first make unit pressureless!
- The flow meter works correctly only if the graduated tube is vertical. Graduated tube and floating body fit together and may only be replaced together. Flow meter operating data (type of gas, pressure, temperature) are indicated on the graduated tube. Deviations therefrom affect the precision of measurement.
- Do not forcibly close needle valves: valve seats may be damaged.
- Subject to technical change without notice; other designs upon request

# Portable emergency supply kit

## Operation

Prior to connecting the pressure reducer to the oxygen cylinder, check seal in high-pressure inlet fitting as well as the valve seat! Set fitting to the cylinder valve and tighten nut **by hand**. Close dosing valves on flow meter and ejector regulator. Connect humidifier bottle, overflow bottle and other accessories.

**Slowly** open cylinder valve! The content gauge shows the pressure in the oxygen cylinder (measure for the cylinder's filling level). As the operating pressure builds up in the flow meter, the floating ball shortly jumps upwards.

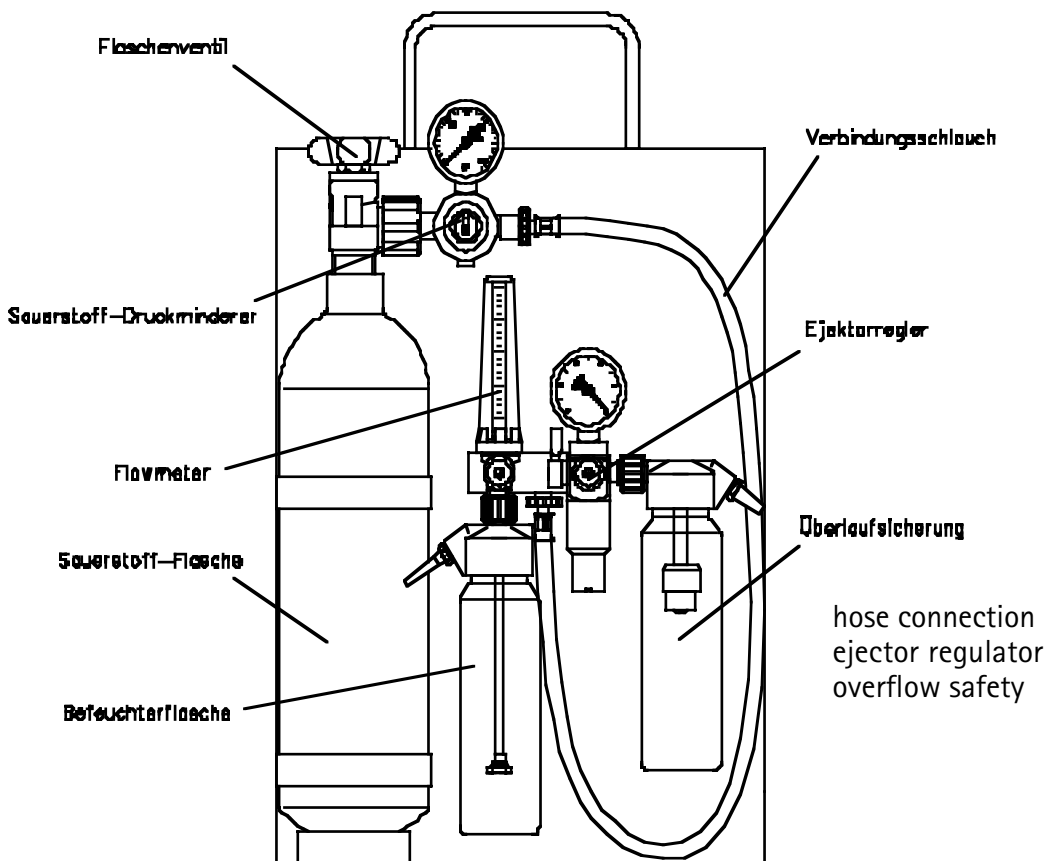
Set the desired gas volume with the flow meter needle valve. The floating ball shows the gas volume just withdrawn (reading point: center of ball). While using the equipment, take care of the humidifier's sufficient water level. Set the ejector regulator to the desired suction capacity. During use, pay attention to the filling level of the overflow bottle: when the bottle is full, suction is no longer possible (overflow safety)!

For short-term interruption of the application, close the needle valves. In case of longer interruptions, always close the cylinder valve. Make the unit pressureless when changing cylinders, loosen hose from pressure reducer and unscrew pressure reducer fitting from the cylinder valve by hand (without tools!).

## Service/Maintenance

External disinfection with a cloth is sufficient for all chrome-plated brass parts. Clean plastic parts with a disinfectant solution. Let equipment dry completely before using it again.

The emergency supply unit should be serviced at least once a year. Failures and damages may only be remedied by authorized expert personnel. For repairs, use only original GREGGERSEN spare parts!



cylinder valve  
oxygen pressure reducer  
flow meter  
oxygen cylinder  
humidifier bottle