

## WS 105 Emergency Oxygen Case



The WS 105 is designed for a fast and immediate emergency care. It contains a 2-litre O<sub>2</sub> cylinder filled with medical oxygen and the RS 220 pressure regulator (assembled). The RS 220 pressure regulator can be adjusted in steps and has two additional medium pressure outlets (click connection) for the connection of the Wenoll demand module with breathing mask resp. mouthpiece and noseclip. The O<sub>2</sub>-mask with reservoir bellows (open system) resp. nasal cannula can be connected to the universal tubing nipple (constant flow). The artificial respiration with the manual resuscitator MR-100 is possible with ambient air as well as with 100% oxygen using the demand module.

The case is made from high-impact pressure resistant ABS plastic (polycarbonate) with a hermetically sealing O-ring. It is 100% water and dust tight, absolutely suitable for tropical use, is extremely stable under pressure and has air pressure compensation by means of a bleed system built into the locking arrangement.

## ■ Contents WS 105

- 1 off, case, yellow with pictogram
- 1 off, case inserts, black with partitions
- 1 off, O<sub>2</sub> cylinder, 2 litre, filled with medical O<sub>2</sub>, 200 bar
- 1 off, RS 220 pressure regulator, 0-20 litres/min. in steps
- 1 off, Wenoll demand module with connecting tube
- 1 off, manual resuscitator MR-100, adults
- 1 off, breathing mask with air cushion seal
- 1 off, mask holder for breathing mask
- 1 off, mouthpiece
- 1 off, nose clip
- 1 off, O<sub>2</sub> mask with reservoir bellows
- 1 off, nasal cannula
- 1 off, one-way syringe for breathing mask
- 1 off, user manual and various product brochures

## ■ Various possibilities of medical care with the WS 105

1. Spontaneous respiration with O<sub>2</sub> mask with reservoir bellows  
O<sub>2</sub>-constant flow 10-15 l/min  
Insp. O<sub>2</sub>-concentration = 65-75 %
2. Spontaneous respiration with demand module and breathing mask  
O<sub>2</sub>-flow dependent upon breathing  
Insp. O<sub>2</sub>-concentration = 100 %
3. Spontaneous respiration with demand module and mouthpiece  
O<sub>2</sub>-flow dependent upon breathing  
Insp. O<sub>2</sub>-concentration = 100 %
4. Artificial respiration with MR-100 and ambient air  
Insp. O<sub>2</sub>-concentration = 21 %
5. Artificial respiration with MR-100 and demand module  
Insp. O<sub>2</sub>-concentration = 100 %
6. Spontaneous respiration with nasal cannula  
O<sub>2</sub>-constant flow 2-6 l/min  
Insp. O<sub>2</sub>-concentration = 28-45 %
7. Spontaneous respiration with nasal cannula and INSPO<sub>2</sub>\*  
O<sub>2</sub>-flow dependent upon breathing 0,5-1,0 l/min  
Insp. O<sub>2</sub>-concentration = 28-45 %
8. Spontaneous respiration with the Wenoll-circuit system \*  
O<sub>2</sub>-constant flow 2 resp. 1 l/min  
Insp. O<sub>2</sub>-concentration = 100 %  
therapy duration up to 6 hours!

\* optional equipment

## ■ Dimensions and Weights

Internal dimensions: 450 x 325 x 130 mm (BxDxH)

Weight, complete: 9,8 kg

## ■ Ordering Information

WS 105 with Wenoll demand module and manual resuscitator MR 100 \_\_\_\_\_ Art.-Nr. 121 020