

Pressure Regulator RS 220 for med. O₂ / 200 bar

CE
0482

The RS 220 pressure regulator has been designed, manufactured and certified according to the newest guidelines DIN EN ISO 10524-1 (CE 0482). Its range of adjustment and functional components have been chosen such that all current O₂ applications can be used:

- constant flow systems
(eg. nasal cannula)
- open systems
(O₂ mask with or without reservoir bellows)
- demand systems
(pneumatic or electronic)
- closed systems
(re-circulation systems)

The patented flush function (40 litres/min.) with automatic reset permits fast flushing or filling of the breathing system for high O₂ concentrations.

The RS 220 pressure regulator has one self-sealing medium pressure outlet (click connection) and a constant-flow outlet with a universal tubing nipple for connecting tubes with a diameter of 4-6 mm.

The use of lightweight construction technology has given an additional weight reduction. Compared to conventional pressure regulators, the RS 220 thus contributing to the mobility of the entire Wenoll-System. This is also an important factor in mountain rescue and expedition medicinal uses. The weight of the complete RS 220 pressure regulator is just 670 g.

Periodic maintenance is at 5 year intervals (lifetime is 15 years), the date being documented on the test plaque.



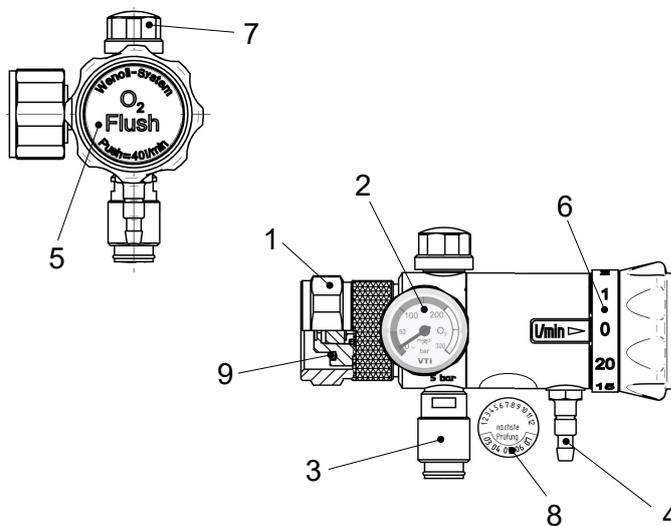
The RS 220 pressure regulator is for administering medicinal oxygen in emergency medicine and for general O₂ therapy.

The two outlets allow two patients to be treated simultaneously.

Demand systems, breathing equipment or suction units can be attached to the medium pressure outlet.

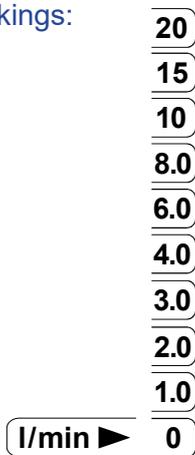
Functional Components

- 1 High-pressure DIN 477 connector; 200 bar maximum
- 2 Cylinder pressure manometer
- 3 Medium pressure outlet, 5 bar, click connector
- 4 Constant flow outlet, 4-6 mm diameter, 0-20 l/min
- 5 Flush button with automatic reset (oxygen shower, 40 l/min)
- 6 Scale for oxygen flow, 0-20 l/min
- 7 Safety valve with protective cap
- 8 Test plaque with date of next safety check or maintenance
- 9 13 x 2.5 mm O-ring for high pressure connector



Flow Setting in Steps / Flush Function

Pressure regulator scale markings:



The flow setting is carried out in steps from 0-20 l/min. Flow settings from 1 up to 10 l/min are for improvement of inhaled oxygen content, eg. via a nasal cannula as well as in closed re-circulation systems. The 10, 15 and 20 litres/min. settings are used with an open system (O₂ mask with or without reservoir bellows) as well as for resuscitation through artificial respiration. The oxygen flush button, with its automatic reset, is located at the centre of the adjustment knob. Operating this button applies a flushing flow of 40 litres/min. independent of the position of the knob.

Ordering Information

Pressure regulator RS 220, in steps 0-20 l/min, 200 bar,
1 medium pressure outlet (click connection)

Art.-Nr. 122 090

Medium pressure outlet also available with DIN (M12x1) and UNF (9/16"x18).