



**SCHÖNN**  
Medizintechnik GmbH

## FLOWMETER AND OXYGEN THERAPY EQUIPMENT



## Oxygen Flowmeters

DIN 13260, BS 5682, NFS 90-116, SS8752430

### Connection

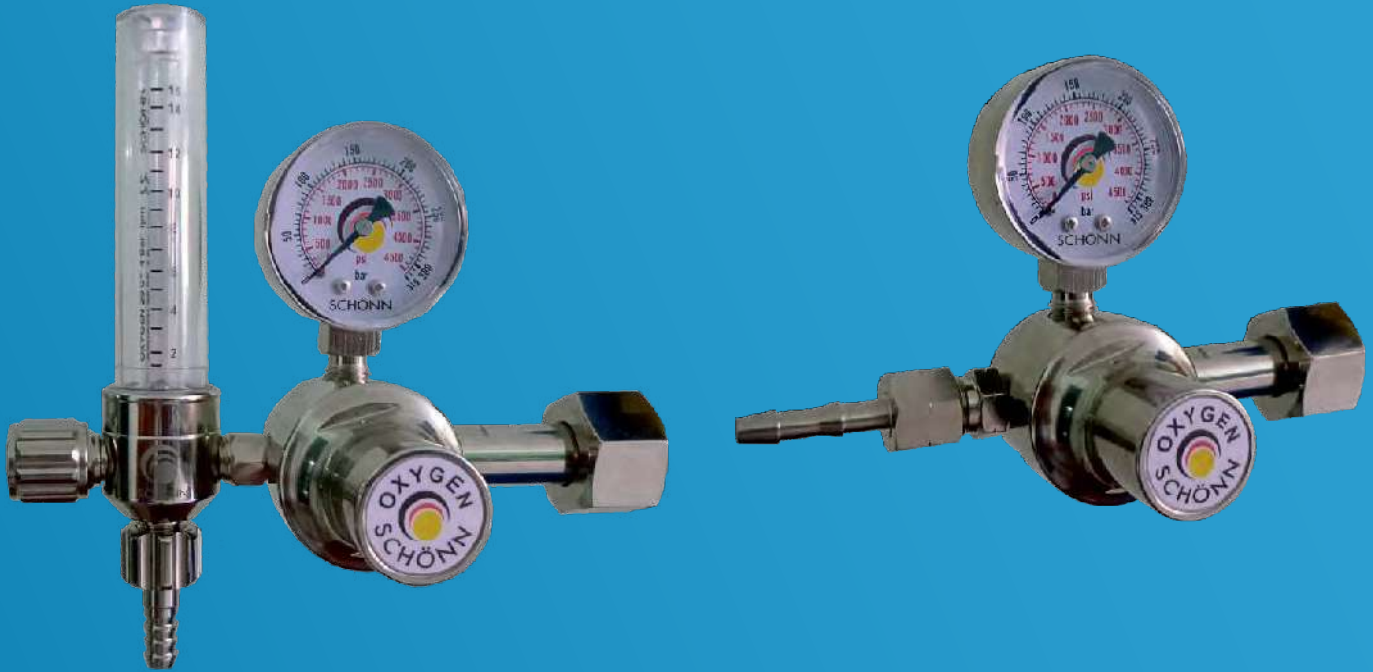
SCHÖNN flowmeters are robust and tactile, providing the user with a quality assurance further backed by our extended 2-year warranty. Our aesthetically pleasing equipment can be supplied with our range of Bedhead trunking, SCHÖNN or Global terminal units, thus eliminating any concern over equipment compatibility. The SCHÖNN range of downstream equipment can be supplied to British BS, German DIN or French AFNOR and SS 8752430 norms, as well as a few others, which are available upon request.

### Features:

- Oxygen Flowmeters are used to provide Oxygen to the patient from Medical Gas outlets through nasal cannula or mask by regulating flow rate and passing through a humidifier when required.
- SCHÖNN Flowmeters are specially designed for medical applications and are used with oxygen.
- Body of the Flowmeter is made of chromium-plated brass, which is the most hygienic material for use with oxygen.
- The scaled tube of the Flowmeter is made of polycarbonate for high resistance to breakage and is autoclavable. It is graded between 1-15 lpm.
- The Humidifier on the Flowmeter can be sterilized at 150°C.
- Our Flowmeters are available for direct connection to an appropriate Terminal Unit, in compliance with EN (European Norms) BS, DIN, and SS 8752430.



# FLOWMETER AND OXYGEN THERAPY EQUIPMENT



## Oxygen Flowmeter Regulator, DIN477, BS341, CGA Handtight Nut and Nipple Inlet Connection

### Features

- Chrome-plated brass body with all brass high-pressure chamber.
- Maximum rated inlet pressure: 3000 psi.
- Durable neoprene diaphragm.
- Internal reseating relief valve protects against over-pressurization.
- Sintered filter for additional safety and to extend regulator life.
- 50mm diameter gauge.
- Polycarbonate inner and outer tubes provide greater accuracy and durability.

## Oxygen Regulator, DIN477, BS341, CGA Handtight Nut and Nipple Inlet Connection

Oxygen Single Stage Regulators are the general-purpose single-stage regulator recommended in handling inert as well as non-corrosive gas applications. These are especially used in applications that do not require precise control of delivery pressure where these perfectly perform the functioning of providing oxygen therapy. Further, the regulator also comes with a factory preset fixed static outlet pressure comprising 4.2 Bar as well as the provision of a safety valve that provides for safe usage.

### Features

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- Maximum rated inlet pressure: 3000 psi.
- Durable neoprene diaphragm.
- Internal reseating relief valve protects against over-pressurization.
- Sintered filter for additional safety and to extend regulator life.
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## FLOWMETER AND OXYGEN THERAPY EQUIPMENT



### Oxygen Therapy Equipment, DIN477, BS341, CGA Handtight Nut and Nipple Inlet Connection

Pressure regulators are designed to be reliable, accurate, and most of all safe for use. The complete body of the regulator is made of brass and it is chromed. Inside of the regulator, there is a core or membrane, which enables an absolutely accurate preset of the outlet pressure level. Each model is equipped with a mechanical safety valve, so it is absolutely impossible that high pressure will come out of the regulator to the medical device or patient.

Each regulator has a manometer with a very clear display, so the user can always see very clearly how much gas there is left in a cylinder. The body of the manometer is chrome plated. As an option, a rubber ring is also available for the manometer to protect it against shocks.

The regulator also comes with a factory preset fixed static outlet pressure comprising 4.2 bar as well as the provision of a safety valve that provides for safe usage. For the connection of the regulator to the cylinder, we have several different types of connections available. Each connection has a handle, so that the user does not need any tool to connect/disconnect the regulator to/from the cylinder. Everything can be done by hand only.

There are also special models of pressure regulators available, including a flowmeter, humidifier, or even the suction unit.



# VACUUM REGULATOR

## Definition

Vacuum regulators are used to collect fluids from the patient by using a vacuum pipeline in patient rooms, operation theatres, ICU, Emergency, and all other necessary areas by regulating vacuum at desired levels and collecting in reusable jars.

## Features

- Thanks to the adjustable vacuum level, it provides the patient with the required vacuum.
- The vacuum regulator has a pressure gauge to see the set pressure value visually.
- Vacuum regulators regulate vacuum in the range of 0-760 mmHg.
- The vacuum regulator's material on the chrome-plated brass body of the regulator and the vacuum regulator housing is made of aluminium material.
- The vacuum level can be adjusted via the regulating cap on the regulator.
- In case of emergency, the vacuum regulator can be switched off with an on/off lock system without changing the vacuum level to the patient.
- There is a hose outlet end suitable for the hose that is coming from the vacuum jar.
- The vacuum regulator is ergonomic; it is designed to be plugged into the vacuum socket with one hand and removable.

## Standards

Available for direct connection into Vacuum Terminal Units with British (BS 5682: 1992) DIN (German), French, Italian, and American Style Probes.

## Technical Data

| Medical Vacuum Regulator   |   |
|----------------------------|---|
| Gauge Range                | 0 - 760 mmHg (0 - 100 kPa)                |
| Gauge Accuracy             | Analog (accuracy : $\pm 0,3\text{mmHg}$ ) |
| Material                   | Housing Brass                             |
| Screw thread for accessory | Vacuum                                    |
| Dimensions (HxW)           | 5,4x 5,9 in (140x150 mm)                  |

