

Medical Gas Supply Solutions

Innovation • Quality • Flexibility • Expertise



Pressure & Flow Control



Cylinder Regulators

Tescom cylinder pressure regulators provide reliable pressure reduction in medical respiration units. These products provide simple and safe operation, dependability and long-life cycle. We supply cylinder pressure regulators for medical and laboratory applications in single and dual-stage design with integrated pressure relief valve.



Pressure Regulators for Central Gas Supply

The compact designed Tescom pressure regulators are used for the reduction of pressurised medical gases in central gas supply systems. They can be specified with a variable or preset outlet range.



Z-Werk with Flow Meter

The single-stage Tescom Z-Werk cylinder regulator with flow-meter is used for pressure reduction of pressurised laboratory gases. The Z-Werk product is a compact and well proven design and is characterised by its safe, reliable operation and long service life.



Compact Flow Selectors

Tescom flow selectors are used to control the flow of oxygen or medical air for inhalation or insufflation. They are suitable for connection to a central gas supply system or for use on suitable CE-marked medical equipment. The flowrate can be controlled using an adjustable raster element.

Flow Meters

Tescom float-type flow meters ensure the fine and accurate adjustment of gas flow volume for inhalation or insufflation. They are infinitely adjustable and display the volume flow using a float ball.

Medical Systems Solutions

Gas Test Stands

University and municipal hospitals, doctor's surgeries and facility management companies rely on Tescom microprocessor-controlled test rigs to precisely monitor all medical gas outlets. Our mobile test rigs are an effective tool to collect, evaluate and store all the relevant gas data in a reliable and economical manner.

Test Bench for Medical Hoses

Our hose test stands are used to check tightness, flow capacity and connector coding of medical gas hoses according to the applicable standards and regulations. The test stands are primarily used in a batch production process but can also be used in initial sample testing.

Gas Mixing & Monitoring Systems

Tescom is a renowned partner with leading international manufacturers of complex medical systems. For state-of-the-art cancer particle therapy processes we deliver fail-safe, redundant gas mixing and control systems.



Emergency Aid

Mobile Oxygen Supply

In emergency situations with the possibility of a large number of casualties, a mobile oxygen supply is indispensable. The mobile Tescom oxygen unit MANV Box has been specifically designed for this application. It guarantees constant and precise gas pressure stability and hence a safe and reliable patient oxygen supply. The exchange of cylinders is made easy by the use of quick-release cylinder connections. The Tescom MANV Box has proved itself as an essential live-saving piece of equipment in natural disasters and serious industrial or civil accidents.

Gas Pressure Indicator

The Tescom WegaMed™ BF gas pressure indicator is used in ambulance vehicles. Combined with the WegaMed™ series pressure reducing regulators it ensures a reliable overview on the present gas fill level of the separately stored gas cylinders inside the ambulance.

Accessories

A broad range of accessories are also available such as medical hoses, couplings for various international standards, fittings and flowmeters for pressure regulators. These complete our medical product portfolio and all components can be tailored or modified to individual customer needs – please ask for more information.



Services

Products & Services

The reliable supply of medical gases is indispensable for today's state-of-the-art medical technology. Whether in anaesthetic applications, emergency medical aid, out-patient and in-patient care: in the patient's interest each component of the supply chain has to monitor precisely and reliably pressure and flow of the various gases.

Tescom has a world-wide renowned reputation as a supplier of innovative and high-quality products in the market for medical pressure and flow control equipment. Our customers value highly our desire and capability to provide individually designed solutions to their specific needs. From conception to production to documentation, we provide all products and services from one source. As quality is a crucial factor within the Tescom philosophy, we employ all relevant quality and risk management systems such as EN ISO 9001:2000, EN ISO 13485 or EN ISO 14971 and we are fully certified as a medical device manufacturer.

TESCOM EUROPE was established 1991 as „Dräger Tescom“, a joint venture between Drägerwerk AG, Lübeck (Germany) and Tescom Corporation, Elk River, Minnesota (USA). From 2000, TESCOM EUROPE is a wholly owned subsidiary of Tescom Corporation which in May 2005 joined the internationally renowned Emerson Electric Group.



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