
MC7751 Pressure Watch DN15. Product description.



Product Description MC7751 is a Pressure Watch fitted with gauge, alarm and quick coupling. A Pressure Watch can be used in wards where you do not have a need for the slave regulator of a Pressure Monitor.

The Pressure Watch has the same shut off function as an ordinary Emergency Shut-Off Valve Box. Behind the sealed plexiglass you find quick couplings that are used to connect spare cylinders and gauges.

To inform the hospital staff regarding gas failures the Pressure Watch is equipped with one of the following alarm systems; 1 – pressure switches that you connect to Gas Alarm C44, 2 – pressure transmitters that you connect to Gas Alarm MC7701 or 3 – pressure transmitters 4-20 mA that you connect directly to the hospital central computer system. Alarm system 1 is the most commonly used.

The Pressure Watch is delivered with 300 mm connection tubes and each box has been test pressurized and controlled for tightness. The Pressure Watch has large ergonomical handles.

If mounted in a recessed way, the emergency shut-off valve box fits walls with 70 mm beam. With a 90 mm beam there is extra space (23,5 mm) behind the valve box usable for e.g. fire isolation. All models, also with four or five gases, fit between the beams in a CC-60 wall. The box is gas-tight which prevents gas accumulation inside the wall.

It is important that the boxes are placed so that they are easily available for authorized personnel. The front glass shall be sealed. In order to avoid mistakes the boxes shall be clearly and distinctly marked with gas sort. A sign showing which section the box serves must be placed in its immediate vicinity. The valves are open when the handles are in vertical position in a line with the printed marking on the plate. To close the valves you turn the handle 90 degrees clockwise.

Recycling The product shall be recycled according to local regulations.

Technical Datas

Maximum working pressure	16 bar
Tube dimension	diameter 15 mm
Pressure class	PN 16
Regulatory status	Complies with medical devices directive 93/42/EEC. Complies with EN ISO 7396-1 and present SIS HB 370.
Classification	Class IIa
CE-marking	CE 0434

Article Numbers**Pressure Watch with turning copper tubes, DN 15 and pressure switches**

Art. No.	No. of valves	Gas
321546	1	Medical oxygen
321550	2	Medical oxygen, medical air
321552	3	Medical oxygen, medical N ₂ O, medical air
321553	4	Medical oxygen, medical N ₂ O, medical air, instrumental air
321554	5	Medical oxygen, medical N ₂ O, medical air, instrumental air, medical CO ₂

Accessories

Art. No.	Denomination
321583	Frame for outside mounting for box for 1-3 valves, turning
321584	Frame for outside mounting for box for 4-5 valves, turning

Pressure Watch with through copper tubes, DN 15 and pressure switches

Art. No.	No. of valves	Gas
321555	1	Medical oxygen
321556	2	Medical oxygen, medical air
321558	3	Medical oxygen, medical N ₂ O, medical air
321559	4	Medical oxygen, medical N ₂ O, medical air, instrumental air
321560	5	Medical oxygen, medical N ₂ O, medical air, instrumental air, medical CO ₂

Accessories

Art. No.	Denomination
321585	Frame for outside mounting for box for 1-3 valves, through
321586	Frame for outside mounting for box for 4-5 valves, through

Other Versions

Contact Linde Healthcare for information and article numbers.

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