



X-Series Systems

## X-RAM – Compressed air system for medical equipment



**Elmo  
Rietschle**  
*A Gardner Denver Product*

## Central compressed air supply – safe and reliable



- Comprehensive logistics
- On-time delivery
- Quick response times
- Designed and manufactured in Germany



All Elmo Rietschle compressed air systems are tested and assembled in accordance with medical CE regulations and are ready to install on delivery. The machines bear the CE mark for medical products (class II b medical equipment) complying with the requirements of the European Directive dated June 14, 1993 (93/42/EEC).



# Compressed air system for medical equipment X-RAM

Compressed air systems with 1, 2, 3 or more compressors, one or more compressed air vessels and a pressure control system complying with the NF EN 737-3 standard.

## Screw compressor

- Air cooled with oil injection
- Volume flow from 13 to 390 Nm<sup>3</sup>/h
- Operating pressure 10 or 13 bar
- Sound insulating enclosure included

## All compressors are fitted with

- Inlet screen filter
- Non-return valve
- Manually operated check valve
- Option: electrically operated check valve

## Pressure vessel for medical compressed air

- Vertical or horizontal configuration
- Vessel capacities from 100 to 5,000 liters
- Interior and exterior galvanized, exterior painted white
- With pressure relief valve, pressure gauge and automatic condensate drain

## Compressed air quality monitoring

- Continuous monitoring of air humidity with alarm function
- Automatic condensate drain

## Control system

- System programming by way of operator display
- All motors feature independent power supply circuits
- Load alternation circuit as standard
- Digital pressure display
- Function monitoring by way of LCD display (on/off, fault, maintenance, operating hours meter)
- Option: remote monitoring
- Adjustable for day/night operation

## Filtration

### Each filter unit consists of

- Coarse filter, 99.999 % efficiency at 0.01  $\mu$
- Fine-grade microfilter (aerosol filter)
- Adsorption dryer
- Activated charcoal filter (deodorising)
- OX filter (CO catalyser)
- Anti-bacterial filter (sterilisable stainless steel filter), 99.99999 % efficiency at 0.01  $\mu$

## Accessories

- Homogenizer container, interior and exterior galvanized, exterior white varnish

**Gardner  
Denver**

Elmo Rietschle is a brand of the  
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