

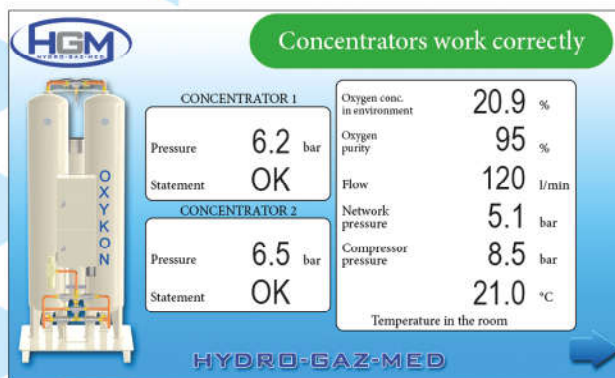
Oxygen concentrators for medical gas pipeline system

OXYKON® oxygen concentrator delivers "medical oxygen 93" by filtering compressed air and separating oxygen from other air components (including chemical weapons) to achieve up to 96% oxygen concentration. Because oxygen concentrator needs compressed air to deliver oxygen it allows to use the surplus compressed air as a medical air. This allows to eliminate extra costs of installing separate compressed air system. To minimize installation costs even more it can use compressed air from an existing compressed air system in hospital to deliver oxygen. Taking such solution at the planning stage of investment it allows to save extra costs. At the end it can save up to 80% of oxygen therapy costs.

We are the first in Poland who have developed and implemented this system in Health Care Facilities. This economic system guarantees self-sufficiency and optimally uses available area.



OXYKON® DUO concentrator



Oxygen supply system controller

- ▶ concentrators pressure monitoring
- ▶ the status of concentrators
- ▶ oxygen purity monitoring by means of paramagnetic sensor
- ▶ oxygen concentration in environment monitoring
- ▶ flow monitoring
- ▶ room temperature monitoring
- ▶ oxygen outlet pressure monitoring
- ▶ compressor pressure monitoring
- ▶ integration with SMS otigation system



OXYKON® modular concentrator

Oxygen concentrator modules work selectively – producing oxygen to meet actual demand, thereby power consumption is reduced to minimum. Also usage of compressed air is optimized according to oxygen demand. Thanks to modular construction it is not possible that there will be no oxygen in hospital. In case of failure the amount of delivered oxygen will decrease but concentration level will remain unchanged.