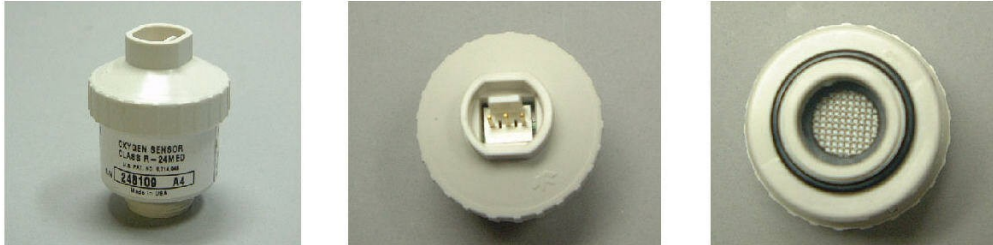


Oxygen sensors for Siemens ventilators

Viamed now offer two Teledyne sensors for use with Siemens ventilators. They look identical and are 100% interchangeable



R-24MED. This sensor offers a fast response time

Response Time ,10 secs step change of 90% Output 10mV-17mV in air

R-36MED This sensor offers a longer life where the ventilator may be used for prolonged periods..

Response Time ,10 secs step change of 90% Output 10mV-17mV in air

The response time and the expected life of a sensor are interdependent, the response time being controlled by the thickness of the sensors front membrane and is fixed during manufacture.

By reducing the thickness of the membrane the sensor response time can be shortened but as a by-product electrolyte can evaporate. In the Siemens sensor compartment the temperature is higher than normal ambient and during periods of long continuous use we can experience premature failure of the R-24MED due to electrolyte dry out.

The R-36MED will therefore in future be recommended for ventilators that may be exposed to long periods of use and is directly equivalent to the current Siemens version..

The R-24MED will still be offered for users who prefer the faster response