Teledyne Analytical Instruments
16830 Chestnut St.
Industry, CA 91748-1020
(526) 934-1500 U.S.A.

CE 2797

Teledyne Medical Oxygen Sensors

Indication for use:
Teledyne medical oxygen sensors are intended to accurately measure the concentration of oxygen in a mixture of gases used in Medical Applications. The sensors are the oxygen-sensing component, intended for sensor replacement of finished medical devices such as an oxygen monitor that is used to monitor oxygen concentrations in a patient's breathing environment.

Sensor Installation:
Verify that the instrument is off. Remove the oxygen cell from its protective bag and inspect for any physical damage or electrolyte leakage. If the sensor is defective **DO NOT USE** as it may damage the monitor.

Calibration:
An Oxygen Monitor/Analyzer and its sensor is subject to drift over time and the sensor or monitor is only as good as the Standard against which it is calibrated. Therefore, it is recommended to calibrate the sensor prior to use with a known Reference Gas or Gases. If you are using ambient air, make sure that the Reference Gas or that the oxygen concentration in the room is 20.9%. One hundred percent (100%) oxygen is preferred calibration gas. Typically, oxygen sensors and analyzer/monitors are capable of achieving accuracy in excess of ±2% full scale.

Sterilization:
These sensors are not shipped as a sterile device and this is stated on the product label and leaflet.

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WARNING: THE SENSOR ELECTROLYTE IS CAUSTIC. DO NOT LET IT COME INTO CONTACT WITH THE SKIN OR EYES.

Caution: This device does not contain automatic barometric pressure compensation. Changes in barometric pressure can affect the oxygen reading. A 1% change in barometric pressure results in an error of 1% of actual reading.

Medical electrical equipment requires special precautions regarding electromagnetic compatibility (EMC) and needs to be installed and put into service according to the EMC information provided by the Oxygen analyzer/monitor document by manufacturer.

The Oxygen Sensor contains lead. DO NOT dispose sensor into standard trash. Dispose in accordance with the local regulations.

Operating Temp – 0° to 40°C (32° to 104°F)
Storage Temp – 0° to 50°C (32° to 122°F)
Humidity – 0-99% R.H. (non-condensing)

Authorized Representative:
Viamed Ltd.
An der Trave 15
23823 Selmsdorf
Germany
Email: info@viamed-eu.com

Please review the user recommendations at http://www.teledyne-ai.com/products/oxygen-sensors/medical-sensors/

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