

Process Purity Oxygen Analyzer



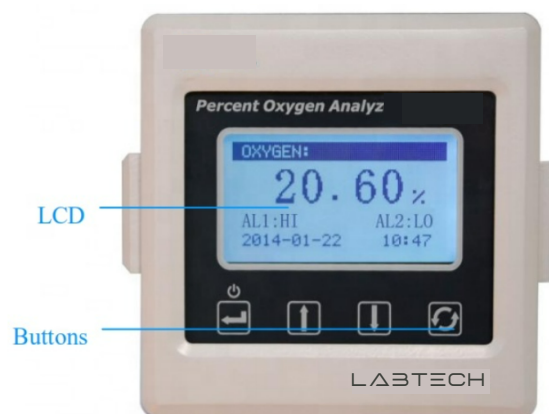
Process purity oxygen analyzer is with ion current principle, which is capable of oxygen purity measurement range 10-99.99%.

Features

- 240×128 LCD display oxygen concentration and other settings;
- Isolated 4-20mA signal output, with 0-1V and 0-10V as options;
- Easy to replace sensor;
- Standard RS232 two-way communication port;
- Two way SPST alarms;
- Automatic data storage in a certain interval time, and browsing data at any time

Technical Specifications

Model:	AC5000-O2
Measure Range:	10-99.99% O ₂
Principle:	3D Ion Current
Measure Mode:	Online
Install:	Dial mounted
Application:	Non dangerous general applications
Measure Accuracy:	≤±1% F.S.
Stability:	≤±0.5% F.S.
Response Time:	T90<15s under 25°C
Sample Gas Temperature:	0-45°C
Sample Gas Flow:	400~600ml/min
Sample Gas Pressure:	35-210KPa
Power Supply:	AC85~264V, consumption lower than 10VA
Signal Output:	4-20mA DC isolated, with 0-1V and 0-10V to switch
Alarm Contact Point:	2 way SPST alarm
Display Resolution:	0.01%
Communication:	RS232 standard (RS485 optional)
Analyzer Size:	100 (W)×100 (H)×110 (D) mm



Applications

Air separation, PSA oxygen generator, Medical oxygen, Petro-chemical, and other oxygen purity detection in inert gas mixtures.

Order knowledge

- Measure range
- Sample gas pressure
- Sample gas composition