

AGASTHYA 2005 series Trace Oxygen Analyzer



www.bhoomild.com

Bhoomi make trace oxygen analyzer is simple to operate and easy for maintenance.

Analyzers are custom built as per requirement of process and unique applications.

Simple menu choices, membrane command switches and the LCD display makes interaction user friendly.

Accurate reading of oxygen contents from low ppm levels to 100%

Measurement of gas concentrations

- ◆ O₂ in ppm & %

AGASTHYA 2005 series Trace Oxygen Analyzer

Processing and presentation of measuring data

- ◆ All result shown on display
- ◆ Online data measurement

Features

- ◆ Microcontroller based smart unit
- ◆ LCD Display
- ◆ Pressure reducer and flow meter for regulation of sample flow
- ◆ ¼ " BSP male gas inlet & outlet connection
- ◆ Programmable high and low alarm relay contacts for alarm
- ◆ Inbuilt solenoid valves for shutoff
- ◆ RS-422 PC interface

Other details

- ◆ Power supply 110/230 VAC 50/60 Hz
- ◆ Operating temperature 10 °C ÷ 50°C

Advantages

- ◆ Maintenance free oxygen sensor
- ◆ Ambient air calibration
- ◆ RS 422 interface for remote monitoring
- ◆ Auto-ranging
- ◆ Linear sensor

Options

- ◆ Isolated 4 -20 mA output
- ◆ Ultra fast response cell
- ◆ Data logging software

Range

Parameter	Measuring method	Range	Resolution	Accuracy	Time (T90)
Oxygen, volumetric concentration	Micro fuel cell	0 100ppm	1 ppm	± 2% of Scale	45 s
Oxygen, volumetric concentration	Micro fuel cell	0 1000ppm	1 ppm	± 2% of Scale	30 s
Oxygen, volumetric concentration	Micro fuel cell	0 10000ppm	1 ppm	± 2% of Scale	15 s
Oxygen, volumetric concentration	Micro fuel cell	0 1000ppm & 0..30%/0..100% (auto switching)	1 ppm & 0.01%	± 2% of Scale	30s 45s

Applications

- ◆ Monitoring inert gas blanketing
- ◆ Chemical reaction monitoring
- ◆ Petrochemical process control
- ◆ Gas analysis certification
- ◆ Air separation and liquefaction
- ◆ Semiconductor manufacturing
- ◆ Quality assurance

BHOOMI[®] Analyzers

No.13/14, Shakuntala Krupa Shopping Complex,
Near Mental Hospital, Thane (W) 400 604
Phone : 91-22-25830769, 25805777
Fax : 91-22-25805777
Email : sales@bhoomiltd.com
Website: www.bhoomiltd.com

Distributor