

AGASTHYA 2005 SERIES ZIRCONIA BASED Trace & Percentage Oxygen Analyzer for Portable & Online Analysis



Bhoomi make Trace Oxygen Analyzer with ZIRCONIA sensor 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 with fast response time

Measurement of gas concentrations

- ◆ O₂ in ppm & percentage

AGASTHYA 2005 SERIES ZIRCONIA BASED

Processing and presentation of measuring data

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

Specifications

Oxygen sensor	: Zirconium oxide, amperometric type
Power supply	: 110 / 230 VAC, 50 HZ
Computer interface	: RS 232
Programmable alarm set points	: 2 no's
Auto locking solenoid valves	: 2 no's
Calibration accuracy	: $\pm 1\%$ of full scale
Response time	: < 30 sec for T90
Operating temperature	: 0 to 50°C
Sample connections	: User specified 1/4" or 6 mm fittings
Wetted parts	: Stainless steel and nylon
Area classifications	: General purpose
Mounting	: Rack type / Portable
Dimensions	: 12.5" W x 5.0" H x 14.0" D
Weight	: 7 Kg

Advantages

- ◆ Low operating cost
- ◆ Long life, maintenance-free, non-depleting ZrO₂ sensor design
- ◆ Highly stable, drift-free performance

Optional

- ◆ Isolated 4-20 mA O/p
- ◆ Datalogging Software

Parameter	Measuring method	Range	Resolution	Accuracy	Time (T90)
Oxygen, volumetric concentration	Zirconium oxide amperometric type	0-1000ppm	1 ppm	$\pm 2\%$ of Scale	30 s
Oxygen, volumetric concentration	Zirconium oxide amperometric type	0.1-25%	0.1%	$\pm 2\%$ of Scale	15s
Oxygen, volumetric concentration	Zirconium oxide amperometric type	1.0-96%	0.1%	$\pm 2\%$ of Scale	30s 45s

Applications

- ◆ Air liquefaction
- ◆ Glove box monitoring
- ◆ Semiconductor manufacturing
- ◆ Inert gas blanketing
- ◆ Bulk gas purity certification

* We reserve the right to amend the specifications.

BHOOMI[®] ANALYZERS

Registered Office : No.13/14, Shakuntala Krupa Shopping Complex, Near Mental Hospital, Thane (W) 400 604.

Works : Gala No.2, Building C11, Parasnath Complex, Mankoli Dapoda Road, Near Pipeline, Village Valpada, Bhiwandi. Dist. Thane - 421302, Maharashtra India

Phone : + 91-22-25830769, 25805777 Cell : +91 86528 27539
Email : sales@bhoomiltd.com / bhoomianalyzers@gmail.com
Website : www.bhoomiltd.com

Distributor