

Product Name :
Astra Scientific Flue Gas Analysers

Product Code :
ASTENVIOR-0015



Description :

Astra Scientific Flue Gas Analysers

Technical Specification :

Stack Gas Analyzing System that can be configured for 1 gas to 8 gas analysis. Add-on modules make it flexible and adaptable to any process conditions. Also it offers various detection methods like NDIR, electroche DLABcal, paramagnetic and ZrO₂ technology. 7000 UNIVERSAL can simultaneously ensure up to eight gas components.

Analyzer Features:

- 1). Up to 8 gas species
- 2). Volumetric measurement in terms of mg/m³, ppm and vol%
- 3). Double stage sample gas cooler
- 4). Full range of outputs & alarms
- 5). Fully automated sample conditioning Unit

- 6). Modular system, can increase gas species from DLABn one up to max eight
- 7). Correction to O reference values 2
- 8). Continuous monitoring
- 9). Data logging via pc software package

Technology Involved:

- 1). High resolution NDIR technology for IR absorption gases such as CO, CO₂ , CH₄ , SO₂ , NO
- 2). Options of zirconium oxide analyzer, paramagnetic analyzer or fuel cell for oxygen
- 3). Accurate electrochemical sensors for CO, CO₂, NO, NO₂ , SO₂ , HCL and H₂S
- 4). Other gases on request

Typical Applications:

- 01). Hazardous waste incinerators
- 02). Municipal waste incinerators
- 03). Biomedical waste and sludge incinerators
- 04). Combustion analysis
- 05). Cement kilns
- 06). Steel and aluminum smelters
- 07). Gasification and paralytic processes
- 08). DeNO_x and DeSO_x of power plants
- 09). Brick, tiles and glass manufacturing
- 10). Solvent recovery and destruction

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265



Astra Scientific

www.astrascientific.com, **Email:** info@astrascientific.com