



SARVESH ANALYTICS Pvt. Ltd.



ACCURRA-S

ACCURRA-S series from Sarvesh Analytics is a reliable and accurate analyser suitable for various applications. It has the most powerful features and has numerous installation. ACCURRA-S can house two measurements sensors.

Salient Features

- Microprocessor Based Electronics
- User Friendly Menu with Diagnostics
- Password Protection
- Alarm and Calibration History
- 19" Rack Design
- Dual Range isolated 4-20 mA output
- Calibration Check Facility
- Optional - Modbus Communications
 - Autocal Facility
 - Internal Sample Pump

Applications

- Process Monitoring
- PSA O₂ and N₂ Plants
- Cryogenic Plants
- H₂ Generators
- CO₂ manufacturing Plants
- Welding Gases
- Biogas Plants

Specifications

	Oxygen			CO ₂	CH ₄	H ₂ S
Measurement Range	0 - 25 %	0 - 100 ppm	0 - 100% 95 - 100%	0 - 100%		0 - 100 ppm
Model Variant	3 0 3 0	3 0 1 5	3 0 9 0	6 0 3 0	4 0 3 0	5 0 1 5
Sensor Technology	Electro Chemical		Paramagnetic	Infrared		Electro Chemical
Expected Sensor Life	> 2 Years	> 18 Months	N. A.			1 Year
Minimum Range	0 -1%	0 - 10 ppm	0 - 25 % N.A.	0 - 5 %		0 - 20 ppm
Display Resolution	0.05 %	0.5 ppm	0.05 %			0.5 ppm
Accuracy*	Accuracy is subject to accuracy of the Calibration Cylinder					
Repeatability	0.1%	2 ppm	0.5%	0.1%	0.1%	2 ppm
Sample Condition	Sample Gas @ 1 LPM max @ 10 psig max; Sample Dew Point 5 ⁰ C less than the lowest ambient Temperature					

Please contact us for a Sample Handling System that is tailored exactly to your Application needs

Outputs

Display	4 line x 20 Character, Backlit LCD
Analog Output	1 x 4-20 mA , 500 ohms, isolated, with dual ranges
Analog Output Range	Freely Selectable by user over the entire range
Alarm Relays	2 x Concentration Alarm, @ 1A, 230 VAC 1 x Fault Alarm, rated @ 1A, 230V AC

Environmental

Area Classification	Safe Area
Ambient Temperature	5 - 50 deg C

Power Supply

Universal, 90 - 270 V AC,
50 Hz, 50 VA

