

# AMB ELECTRONIC SYSTEM TECH PVT. LTD.

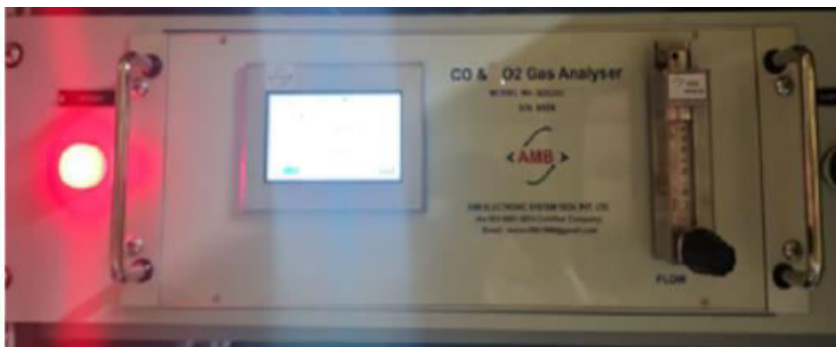
## Hydrogen Gas Analyzer



|                                                |                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Measurement Parameter                          | HYDROGEN                                                                                      |
| Gas Measuring Range                            | 10% Vol.                                                                                      |
| Type of Analyser & Measuring Method            | Microprocessor based & Thermal Conductivity                                                   |
| Response Time ( T-90)                          | 4 to Less than 10 Seconds                                                                     |
| Linearity Deviation                            | $\leq 1.5\%$ of Span                                                                          |
| Repeatability                                  | $\leq 1\%$ of Measuring Range                                                                 |
| Sensitivity Drift                              | $\leq 1.5\%$ of minimum measuring range / week                                                |
| Zero Drift                                     | $\leq 1.5\%$ of minimum measuring range / week                                                |
| Sample Gas Flow rate                           | 7 to 70 LPH                                                                                   |
| Sample Gas Inlet Temp                          | 10 to 45 Deg C                                                                                |
| Ambient Temp                                   | 0-50 Deg C                                                                                    |
| Resolution                                     | 0.1                                                                                           |
| Mounting                                       | 19" Rack panel mounting                                                                       |
| Analog output                                  | 4-20mA Linear type                                                                            |
| Alarm output                                   | 2 relay contacts                                                                              |
| Display                                        | 7" Colour, TFT Screen to display measured Gas Component , Error message & Inbuilt Diagnostics |
| Programming Inputs                             | Software & Menu based                                                                         |
| Calibration & Test function                    | User programmable input ,menu driven& password protected                                      |
| Protection                                     | IP 20                                                                                         |
| Power Source                                   | 230V.AC +/- 10% , 50 HZ                                                                       |
| Certificate of Compliance                      | EN610010-1:2001 / EQUIVALENT                                                                  |
| <b>MODEL: AH233</b>                            |                                                                                               |
| <b>MP THERMAL CONDUCTIVITY H2 GAS ANALYSER</b> |                                                                                               |

# AMB ELECTRONIC SYSTEM TECH PVT. LTD.

## CO & Oxygen dual Gas Analyzer



| Measurement Parameter               | Carbo monoxide                                                                               | Oxygen                              |
|-------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------|
| Gas Measuring Range                 | 0-1% Vol for CO .                                                                            | 0-10%Vol. for O2                    |
| Type of Analyser & Measuring Method | Microprocessor based & NDIR                                                                  | Microprocessor based & Paramagnetic |
| Response Time ( T-90)               | 4 to Less than 10 Seconds                                                                    | Less than 10 Seconds                |
| Linearity Deviation                 | $\leq 1.5\%$ of Span                                                                         | $\leq 1.0\%$ of Span                |
| Repeatability                       | $\leq 1\%$ of SPAN                                                                           | $\leq 1.0\%$ of Span                |
| Sensitivity Drift                   | $\leq 1\%$ of measured Value /week                                                           | $\leq 1\%$ of measured Value /week  |
| Zero Drift                          | $\leq 1.5\%$ FS / week                                                                       | $\leq 1\%$ FS / week                |
| Sample Gas Flow rate                | 7 to 70 LPH                                                                                  | 7 to 70 LPH                         |
| Sample Gas Inlet Temp               | 10 to 45 Deg C                                                                               | 10 to 45 Deg C                      |
| Ambient working Temp                | 0-50 Deg C                                                                                   | 0-50 Deg C                          |
| Resolution                          | 0.1                                                                                          | 0.1                                 |
| Analog output                       | 4-20mA Linear type                                                                           | 4-20mA Linear type                  |
| Alarm output                        | 2 relay contacts                                                                             | 2 relay contacts                    |
| Mounting                            | 19" Rack/ Panel Mounting                                                                     |                                     |
| Display                             | 7"Colour, TFT Screen to display measured Gas Components, Error message & Inbuilt Diagnostics |                                     |
| Programming Inputs                  | Software & Menu based                                                                        |                                     |
| Calibration & Test function         | User programmable input ,menu driven& password protected                                     |                                     |
| Protection                          | IP 20                                                                                        |                                     |
| Power Source                        | 230V.AC +/- 10% , 50 HZ                                                                      |                                     |
| Certificate of Compliance           | EN610010-1:2001 / EQUIVALENT                                                                 |                                     |

### MODEL: AOCOO

**Dual Gas Analyser Measuring carbon monoxide and Oxygen**