AL5005 Specifications

- **Very fast, continuous, 100ms real time measurements**
- **Unique sensitivity limit of 1ppb**
- **Automatic calibration within minutes**
- **High linearity range from 1ppb to 100ppm**
- **Special aircraft version available**



- CO detection technique via VUV fluorescence
- Linear detection range ~1ppb - 100000ppb
- Detection limit <2.0 ppb @ T = 1s, <0.8 ppb @ T = 10s
- Real time resolution of 100.0 milliseconds
- Rise time (10/90) 0.1 - 1s, depending on gas pump used
- Sample gas pressure <200mbar - 1200mbar
  Equal to altitudes up to 12000m for airborne application
- Higher accuracy by a 16bit AD/DA board
- Graphical display of concentration vs. time on front
- Digital temperature controller for stable values
- Intuitive presentation of all relevant parameters
- Stand-alone operation without external PC possible
- Remote data logging and value control via LAN
- Remote data logging via RS232
- Remote control for PC or android tablet available
- Online logging of data to USB drive
- Faster "intelligent" and fully automatic calibration algorithm
- Loading, saving, import and export of calibrations
- Weight and dimensions - 20kg, fit for 19" rack (whd: 45cm×18cm×59cm)
- Power requirements - 110 VAC / 220 VAC or 24-30 VDC (aircraft version), 120W