

OXYGEN MONITOR/ALARM SPECIFICATIONS

MODEL	GC501	GC501X	GC502	GC502X
RANGE	0-25%	0-100%	0-25%	0-100%
DISPLAY	LCD, 0.1% increments	LCD, 0.1% increments	LCD, 0.1% increments	LCD, 0.1% increments
ACCURACY	±2% full scale	±2% full scale	±2% full scale	±2% full scale
CALIBRATION	Single point in air at 20.9%	Single point in air at 20.9%	Single point in air at 20.9%	Single point in air at 20.9%
CASE MATERIAL AND DIMENSIONS	High impact polystyrene 5.25" x 2.5" x 1.25"	High impact polystyrene 5.25" x 2.5" x 1.25"	High impact polystyrene 5.25" x 2.5" x 1.25"	High impact polystyrene 5.25" x 2.5" x 1.25"
WEIGHT	225 grams	225 grams	225 grams	225 grams
RECORDER OUTPUT	10 millivolts/%O ₂	10 millivolts/%O ₂	10 millivolts/%O ₂	10 millivolts/%O ₂
ALARM (LOW OXYGEN)	Both audible and visual at 19.5% - Factory set	Both audible and visual at 19.5% - Factory set	Both audible and visual at 19.5% - Factory set	Both audible and visual at 19.5% - Factory set
TEMPERATURE LIMITS	0 to 45°C	0 to 45°C	0 to 45°C	0 to 45°C
POWER SOURCE	One 9 volt alkaline battery	One 9 volt alkaline battery	One 9 volt alkaline battery	One 9 volt alkaline battery
BATTERY LIFE (CONTINUOUS)	2000 hours - no alarm	2000 hours - no alarm	2000 hours - no alarm	2000 hours - no alarm
LOW BATTERY INDICATOR	LCD 'B' display	LCD 'B' display	LCD 'B' display	LCD 'B' display
RESPONSE TIME	90% in less than 20 seconds	90% in less than 20 seconds	90% in less than 20 seconds	90% in less than 20 seconds
SENSOR LIFE	Warranteed: 6 months Expected: 12 months	Warranteed: 6 months Expected: 12 months	Warranteed: 6 months Expected: 12 months	Warranteed: 6 months Expected: 12 months
SENSOR MODEL	33 - 200	33 - 250	33 - 475	33 - 445
SENSOR MOUNTING	Housed in the monitor. Optional remote cable available for detaching sensor from the monitor	Housed in the monitor. Optional remote cable available for detaching sensor from the monitor	Outside the monitor using a coiled cable	Outside the monitor using a coiled cable
APPLICATIONS	Ideal as a personal monitor for safety applications. Remote cable may be used to lower sensor in a man-hole or a tank.	Ideal for applications needing higher range, yet self contained.	Ideal for application requiring sensor inside a flow system.	Similar to GC502 but needing higher range.