CERCO 300
NITROGEN DIOXIDE (NO_2) DETECTION MN300D

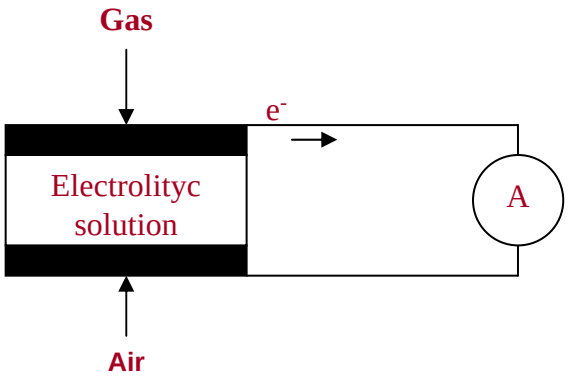
With the growing addition of diesel vehicles to the car fleet, it is necessary to operate ventilators in many car parking by Nitrogen Dioxide (NO2) dilution.

For the purpose, our electrochemical cell based MN300D detector has been developed to be directly integrated with other CO detectors in the CERCO 300 system.

The result is a more efficient and wider control based in the continue and simultaneous analysis of both gases

OPERATING PRINCIPLE:

Electrochemical sensor detects toxic gases in a very low concentration level (part per million: PPM). A gas sensitive electrode formed by a permeable membrane and a specific electrolytic solution allows to read a linear output proportional to the amount of gas detected.



NO_2 ELECTROCHEMICAL CELL SPECIFICATIONS

Cell type:	NO2_M20
Manufacturer:	MEMBRAPOR
Life expectancy:	**2 years**
Reading time:	< 30 seconds
Working Temp. :	-20ºC...50ºC

NO_2 DETECTOR SPECIFICATIONS

Measuring range:	0 to 20 ppm (5 ppm NO2 = 100 ppm de CO).
Voltage :	10 a 15 Vdc
Power requirement:	5 a 10 mA
Operating temperature.:	-10 a 50 ºC
Life expectancy:	2 years

distributor