

# SONIMIX 2130

## Nox converter tester

The **Sonimix 2130** NOx converter tester has been designed to generate a stable NO<sub>2</sub> concentration with a small reaction time. It is based on the sonic nozzles technology (ISO 6145-6 technology) and high stability pressure regulators.

The NOx converter tester is often used together with a multi-steps gas divider also based on sonic nozzles and high precision pressure regulators.

In order to validate NOx measurements, the efficiency of the NO<sub>2</sub> converter must be higher than 90 %, it is therefore very important to check easily and precisely the efficiency of the NO<sub>2</sub> converter.

The SONIMIX converter tester is based on the process known under the name of Gaseous Phase Titration.

### Main applications

- Test of the converter's efficiency
- Emission measurements on the stack monitoring and automotive industry

### Main advantages

- ✓ Easy use and installation
- ✓ US EPA Method





## Specifications

Models: SX 2130	6800 50 001	6800 50 002	6800 50 003
<b>Gas generation</b>			
Concentration	Low		High
NO2 & O3 generation	15 to 50 ppm	30 to 100 ppm	300 to 1000 ppm
Inlet pressure	2,5 to 4 bar rel.(37 to 58 PSI)		
Outlet pressure	Up to 910mbar rel. (13 PSI)		
Gas dilution	90% of the NO cylinder		
Stabilization time	NO: < 1 min		NO: < 1 min
	O3 and NO2 : < 10 min		O3 and NO2 : < 10 min
Flow (Air line)	0,2 NI/min		
Flow (NO line)	2 NI/min		
Connections	1/4" Swagelok		
Materials in contact with gases	NO, O3, NO2: Stainless steel, Teflon, Gold, Silver		
	Air: Stainless steel, Aluminium, Silver, Brass		
Alimentation	230V / 50-60 HZ		
	115V / 60HZ		

### Ordering codes

6800 50 001

6800 50 002

6800 50 003

### Options

6800 10 000

6700 13 867

6700 13 868

SX 2130 15 to 50 ppm

SX 2130 30 to 100 ppm

SX 2130 300 to 1000 ppm

Portable casing

Voltage 230 V/ 50-60HZ

Voltage 115 V/ 60HZ



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