



SONIMIX 3001 ? Sistema de Calibração Portátil

SONIMIX 3001A PORTABLE OZONE GENERATOR

The **LNI SONIMIX 3001A** is a portable and stand alone calibration unit, designed to transfer ozone concentrations between the network's laboratory reference and the measuring stations. The instrument generates an outflow of 2NI/min AIR containing 25 to 500 ppb O₃, with stability and reproducibility of the concentration better than 1% relative.

Ready for use a few minutes only after the power is switched on, the SONIMIX 3001A does not need any external gas cylinder and allows to calibrate the ozone monitors in several points.

To transfer the calibration values from the National Standards, the SONIMIX 3001A includes a function of self linearisation.

The precision, stability and the reproducibility of the generated mixtures are due to the joint use of critical orifices, mechanical pressure regulator and high stability ozone generator.

The **SONIMIX 3001A** is mainly composed of :

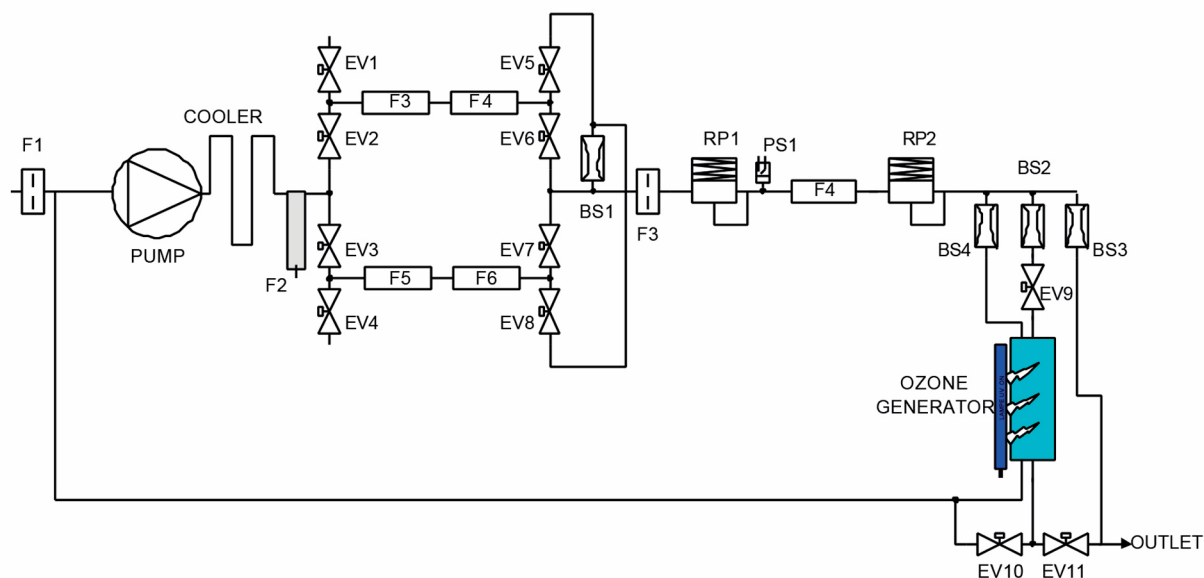
- ** a complete self-regenerable Zero Air generator, including compressor, drying filter and O₃, NO, NO₂ scrubber
- ** a constant flow Air generator
- ** an Ozone generator with thermostatisation and regulation by UV light measurement; it also includes atmospheric pressure and temperature corrections
- ** a set of electronic boards with microprocessor, keyboard and 2 X 20 characters fluorescent display.



MAIN TECHNICAL DATA

O3 generation	: 2 NI/min Air containing between 25 and 500 ppb O3, value depending on the UV light adjustments
O3 concentrations	: 0, and adjustable between 25 and 500 ppb in 2 ppb steps
Repeatability of the ozone concentration	: better than +/- 2 ppb (at 250ppb O3)
Concentration stabilisation time (T99)	: inferior to 5 minutes
Start up time	: 5 to 20 minutes depending on the ambient temperature
O3 setting	: by selection of the desired value with the keyboard and display
O3 regulation	: by UV light measurement and at constant temperature, including atmospheric pressure and room temperature corrections
UV lamp life time	: about 5000 hours
Zero AIR generator life time	: about 2500 hours
Outlet port	: Teflon 1/4 " SWAGELOK fitting
Power consumption	: 115 or 230 VAC / 130W
Functioning position	: vertical or horizontal
Over all dimensions (h x w x d)	: 15cm x 28cm x 34cm (handle not included)
Weight	: about 11 kg

DRAWING



REPRESENTANTE:



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**Caso queira adaptar este produto a suas necessidades
usando um sistema de condicionamento, uma
automação ou formando um produto, contate:**

COMERCIAL@ENGEZER.COM.BR

**para mais informações ou preços*



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