

NiGen MICRO

**Nitrogen Generators
for
Thermo Analysis,
ELSD and Applied
Biosystems LCMS**



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FEATURES

- **stackable**
- **CLAIND PSA technology**
- facility for integration with a Brezza series dedicated air compressor (AirComp)
- Fast Start included to guarantee UHP after only 30' functioning
- very high purity also guaranteed by an innovative control software, interfaced with the CPU or every PC for remote control, up to 32 units
- **CPU with Touch Screen Display** connectable with **CAN-BUS** to the generators (up to 32 units), allows the monitoring of operational status and menus with report alarms and functioning parameters. The CPU has also an Ethernet output for the connection to PCs and to Internet through a router
- software available for remote monitoring via internet



TECHNICAL FEATURES

FLOW RATE	up to 5000 Nml/min
TECHNOLOGIES EMPLOYED	PSA CLAIND
OUTPUT PRESSURE	0 - 6 bar/0 - 87psi
PURITY	up to 99,5 %
AIR INPUT CHARACTERISTICS	particulate $\leq 0,01 \mu\text{m}$ oil vapors $\leq 0,01 \text{ mg/m}^3$ moisture $\leq 3^\circ \text{C}$ dew point ATP min pressure: 8.5 bar min flow rate: 18 Nml/min
ELECTRICAL SUPPLY	115/230 VAC (+/- 10%) 50-60 Hz 100 W
INDEX OF PROTECTION	IP20
OPERATING TEMPERATURE	5°C - 40°C/40°F - 100°F
ENVIRONMENTAL MOISTURE	$\leq 80\%$
MAX ALTITUDE	2000 m asl
DIMENSIONS	height 40 cm + 7 cm/15.8" + 2.8" width 38 cm/14.9" depth 53 cm/20.8"
WEIGHT	28 kg/62 lbs

ACCESSORIES

- Inlet air coalescing filter
- Air dryer membrane
- Pressure regulator kit
- Installation kit
- Automatic 2 sources switch kit



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