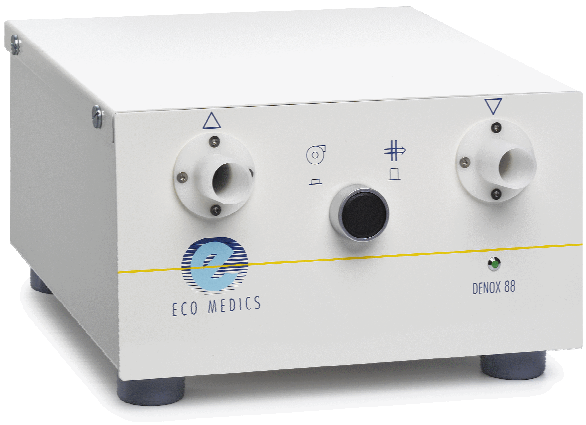
DENOX 88

NO-free air supply and advanced adaptive flow control to support FE_{NO} measurements



Your advantage:

NO free air generation from ambient air

Independent from gas supply

Integrated adaptive flow control (selectable rates)

Supports single and multiple breath technique

Infant, children and adult application

With the publication of the ATS and ERS recommendations[1], measurements of exhaled nitric oxide have become an easy, reliable and quantifiable method to detect airway inflammation. The DENOX 88 module supplies NO free air and controls the expiratory flow during the single breath test. The blower mode generates a continuous flow of NO free air to support the spontaneous breathing of infant patients. The module supports the ANALYZER CLD 88 series NO analyzer to perform single and multiple breath test at variable expiratory flow rates.

The DENOX 88 module supplies the required NO free air to the patient to perform exhaled NO tests. The integrated adaptive flow control enables even pre-school kids to perform the ATS / ERS recommended single breath test.
The expiratory flow control of the DENOX 88 may be adapted to custom specific needs (e.g. 30, 50, 100, 150, 200, 300 ml/s).
For non-cooperative patients the instrument offers the multiple breath test. The continuous flow of NO free air reduces the infant's work of breathing.
The selectable continuous flow rate enables the adjustment to the specific needs of infants.
The flexible concept of the DENOX 88 guarantees easy future hardware upgrades as well as adaptations for scientific research application.

DENOX 88 supports following applications:

- Single breath FE_{NO} test for cooperative adult patients at user selectable flow ranges
- Single breath FE_{NO} test for cooperative infant patients at user selectable flow ranges
- Multiple breath FE_{NO} test for non-cooperative patients, e.g. infants

Specification:

Application range:	> 3 kg body weight
Exp. flow control:	50 ml/s (standard)
Cont. flow:	100, 200, 300 ml/s
Mains voltage:	100 – 240 VAC
Weight:	5.4 kg
Dimensions:	250x150x280mm

1. ATS/ERS Recommendations for Standardized Procedures for the Online and Offline Measurement of Exhaled Lower Respiratory Nitric Oxide and Nasal Nitric Oxide, 2005; ATS Board of Directors, December 2004, and by the ERS Executive Committee, June 2004

ECO MEDICS reserves the right to change theses specifications without notice. Manufactured by ECO PHYSICS AG CE 0483
Documentation in English language only

ECO MEDICS

ECO MEDICS AG • PO BOX • CH-8635 DUERNTEN • TEL +41 55 220 22 11 • FAX +41 55 220 22 15 • E-MAIL INFO@ECOMEDICS.COM
WWW.ECOMEDICS.COM