

Rhinomanometers

RHINOTEST 1000

RHINOTEST 500



Rhinomanometers Rhinotest 500 and Rhinotest 1000 are electronic devices for examinations of flow and pressure in patient nasal ways.

Measurements provided by those devices, use an active anterior and posterior rhinomanometry method. Resistance values are determined by the standard and the Broms method. Innovative technical solutions used by MES in both Rhinotest 500 and Rhinotest 1000, affords possibilities to provide rhinosprometry in a forced nasal flow and maximally ventilation per minute.

RHINOTEST 1000 CE1011

Rhinotest 1000 is a stationary, electronic medical device, consisting precise measurement unit operated by any PC computer with software implemented in any version of MS Windows based system.

Basic advantages of Rhinotest 1000:

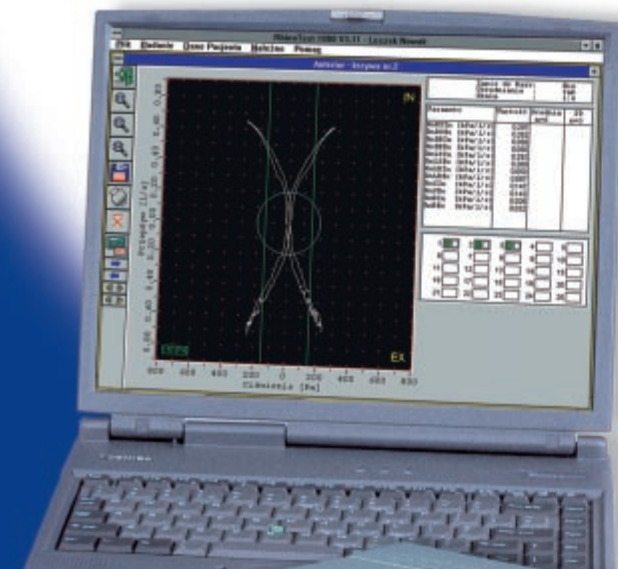
- up-to-date pneumotachograph heads
- immediate ability to operate after head replacing
- data base with ability to provide epidemiological researches
- software makes possible results transmission to statistical programs
- connected computer can operate independently

RHINOTEST 500 CE1011

Rhinotest 500 is a small, portable electronic medical device, consisting precise measurement unit and internal computer for taking measurements and evaluating test results.

Basic advantages of Rhinotest 500:

- up-to-date pneumotachograph heads
- immediate ability to operate after head replacing
- ability to data transmission to any PC compatible with MS Windows based system
- full keyboard for patient data and examination results description input
- high resolution graphical LCD display for graphs and chart of results viewing
- data base with capacity 100 tests
- ability to connect computer or thermal printer
- ability to input and storage your own institution letterhead (3 lines for 40 characters)
- ability to enter and storage your comments of the test taken
- small dimension and small weight



Rhinomanometers

RHINOTEST 500:

PATIENT DATA:

First name, last name, date of birth, body weigh, height, sex, test identification number, Identification number of patient, physician name.

STANDARD EXAMINATIONS:

Anterior method by Broms and by standard:

RnRSIn, RnRBlIn, RnRSEx, RnRBEx, RnLSIn, RnLBlIn, RnLSEx, RnLBEx, RnSIn, RnBlIn, RnSEx, RnBEx, SD.

Posterior method by Broms and by standard: RnpSIn, RnpBlIn, RnpSEx, RnpBEx, SD.

NASAL MINUTE VENTILATION:

NPEF, NFEV1, NFVCEx, NFVCIn, NVCEx, NMEF75, NMEF50, NMEF25, NPIF, NMIF50.

DATA BASE:

Data base allows for storing records of 100 tests. Also, data base makes possible to compare 2 examination results and 4 selected parameters from 30 tests for one patient. Both instruments are standard equipped with software for data transmission to any PC computer with Microsoft Windows based system.

PRINTING REPORTS:

Rhinomanometer is standard equipped with RS port and centronics, allowing connection with thermal and computer printer.

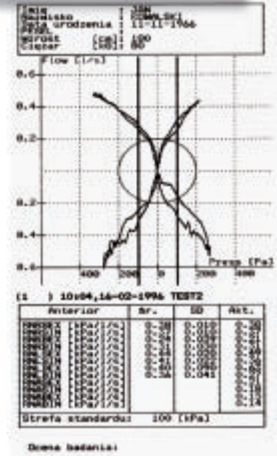
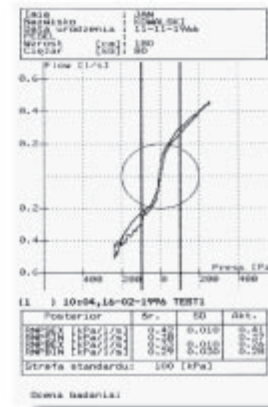
TECHNICAL SPECIFICATION:

Flow range.	± 18 l/s
Flow measurement accuracy	< 2 %
Usable flow resolution	± 10 ml/s
Pressure range	± 1,25 kPa
Pressure measurement accuracy	± 1 %
Pressure measurement resolution	± 1 Pa
Dimensions	334x240x40 mm

Weight (without printer) 1,4 kg
Power supply 230 V 50 Hz, 6 VA

MESUREMENT HEADPIECE MES DV 40 TYPE

Deadspace DV 40 40 ml
Head DV 40 resistance < 0,2 cmH₂O/l/s
(1 l/s flow)



RHINOTEST 1000:

PATIENT DATA:

First name, last name, date of birth, body weigh, height, sex, test identification number, Identification number of patient ID, patient address, employer address, insurance institution.

STANDARD EXAMINATIONS:

Anterior method by Broms and by standard:

RnRSIn, RnRBlIn, RnRSEx, RnRBEx, RnLSIn, RnLBlIn, RnLSEx, RnLBEx, RnSIn, RnBlIn, RnSEx, RnBEx, SD.

Posterior method by Broms and by standard: RnpSIn, RnpBlIn, RnpSEx, RnpBEx, SD.

NASAL MINUTE VENTILATION:

NPEF, NFEV1, NFVCEx, NFVCIn, NVCEx, NMEF75, NMEF50, NMEF25, NPIF, NMIF50.

DATA BASE:

Data base allows for storing, comparing and transmission of examination results as well as graphs to statistical standard programs.

PRINTING REPORTS:

Rhinomanometer affords possibilities to print as well as compare examination results designed by a user, using color or black and white printer.

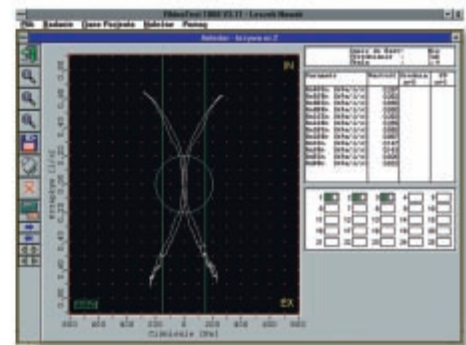
TECHNICAL SPECIFICATION:

Flow range.	± 18 l/s
Flow measurement accuracy	< 2 %
Usable flow resolution	± 10 ml/s
Pressure range	± 1,25 kPa
Pressure measurement accuracy	± 1 %
Pressure measurement resolution	± 1 Pa

Dimensions 259x247x75 mm
Weight (without printer) 2 kg
Power supply 230 V 50 Hz, 30 VA

MESUREMENT HEADPIECE MES DV 40 TYPE

Deadspace DV 40 40 ml
Head DV 40 resistance < 0,2 cmH₂O/l/s
(at 1 l/s flow)



Distributor:



Advantages of our headpiece:

- parameters do not change in the course of a test
 - pre-test calibration is not required
 - high accuracy and resolution
 - sterile for each patient
 - easily sterilizable
- no moving elements
- small dead space
- low flow resistance
- no heating system

Manufacturer:



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MES has got certificate of ISO 9001:2000