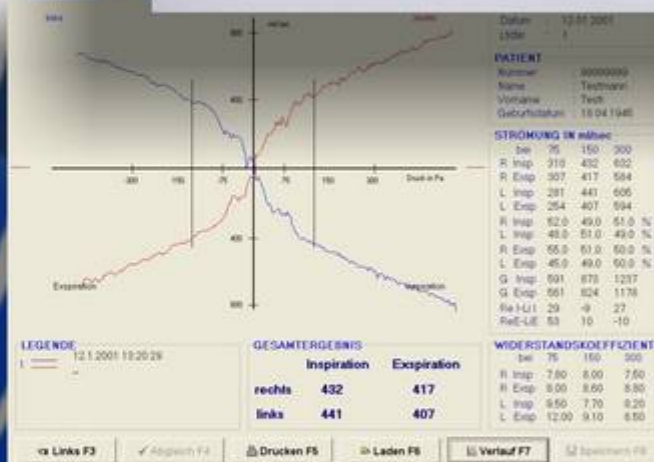




# RHINO 4000 M rhinomanometry



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 leading companies  
 in the field of ENT-diagnostics  
 - worldwide -

# RHINO 4000 M

With the HOMOTH Rhino 4000 M rhinomanometry-module a measuring-method was evolved, allowing the adaptation via nose plugs and alternatively via a face mask. The method is used in the doctors practice as well as in clinics. All functions, data and diagrams are shown on the PC monitor. Herewith the results can be verified before documentation to avoid misprintings.

The time saving adaptation via nose plugs allows a direct use at the doctors working-place, so the measurement fits within the normal examination. All calculation of flow, pressure, percentage and resistance-coefficient is done in real time, so with completion of the measurement all results are present. Persons with beards, long hair and children with fear of masks, can be measured, too. For clinical use, a face-half-mask is available, too. During the measurement the intensity of breathing can be controlled via two measuring bars. The measurement is carried out anterior under physiological conditions of self-breathing and allows a quantitatively objective statement of the resistance behaviour of the nose.

Microprocessor controlling makes usage very easy and the measurement can be carried out by medical personnel. The mean of a maximum of five flow curves is calculated and shown in the diagram as flow pressure-curves. The flow values at different pressures (75 Pa, 150 Pa and 300 Pa), the percentage of right- and left-side flow, and for clinical use the coefficients of the resistance is calculated. Everything is shown on the screen.

The data and measured curves can be stored on haddisk or transmitted to a practice software.

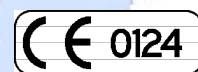
## Application:

- -- Proof of allergies after provocation
- -- Diagnostics at handicapped nose-breathing
- -- Function control after nose operation
- -- Control after dispensation of medicines

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## Technical data

system:	PC module via USB interface
system requirements:	Pentium PC min. 500 MHz, USB 2.0 port, Window 98, ME, 2000, XP
measuring method:	anterior self-breathing
standards:	EN 60601 - 1 / 1-1 / 1-2 / MPG
airflow:	0 - 900 ml /s in- und expiration
difference pressure:	0 - 50 daPa
function control:	via 2 measuring bars in the display
averaging:	via max 5 flow-curves
pressure calibration:	automatical before start
representation:	as diagram and numeric
aut. calculation of:	1. pressure in daPa 2. flow in ml /sec 3. total-flow 4. percentage 5. resistance coefficients 6. Point 2-5 at 75, 150 and 300 daPa
mains	230 V
accessories:	12 nose plugs (olives) 2 flow probes 2 sets of hoses 1 foot switch 1 probe holder 1 instruction manual
special accessories:	face halfmask



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