NEW ACCESSORIES
MICRO 5000 RHINOMANOMETRY
Measurement of the nasal airway resistance

- Comfortable and easy to use
- Better sealing
- User friendly software
- Accurate measurements
- Low cost of operation and maintenance

Stand alone device or full integration with our range of full pulmonary function instruments. Particulary with the Nasal FeNO+ Device
The perfect unit for:
- The evaluation of the specific sensitivity of the nasal mucosa to different allergens
- The measurement of the pressure, the volume of air and the resistance encountered
- The highlighting of nasal obstruction

**Measured and calculated Parameters**
- Flow
- Laminar Resistance (R(LAM))
- Röhrer Coefficient (K1, K2)
- Degree of linearity of the relation R/Flow (n)
- Equation of Röhrer or Corrected Laminar resistance (Rmixte)
- Acceleration (Acc)
- Middle Flow Indication (IDM)
- Tidal Volume (Vol cc)
- Comparison Tests PRE & POST

**Calibration:**
Pneumotachograph - A simple procedure controlled by the software EXPAIR for a quality value
Nasal Pressure sensor - Calibration performed during the annual maintenance of the device but can be done more often by the user

**Cleaning and disinfection:**
Sensitive elements are easily removed and cleaned with cold disinfectant

**GENERAL SPECIFICATIONS**
- Dimensions (H x W x D) cm: 13 X 19 X 29.5
- Weight: +/- 4.2 Kg
- Power requirements: 230/115 VAC 50/60 Hz
- Power Consumption: +/- 15 VA
- Warm up Time: 20 min. minimum
- Conform to electrical safety req. IEC66061/1 and CE 0029 certified

**FLOW MEASUREMENT**
- Type: Lilly cone
- Range: +/- 0 to 1.2 L/sec
- Resistance: 0.4 cmH2O/L/sec
- Bandwidth: 0 to 20Hz (Dual filter 20DB/Decade)
- Resolution: +/- 0.5 mL/sec
- Differential Piezo pressure sensor (Range: +/-10cmH2O) protected against overpressure
- Automatic correction of the drift of the offset value

**PRESSURE MEASUREMENT**
- Type: Piezo electric pressure sensor (Range: +/-30cmH2O) protected against overpressure
- Range: +/- 0 to 1200 Pascal
- Resolution: 0.4 cmH2O/L/sec
- Bandwidth: 0 to 20Hz (Dual filter 20DB/Decade)
- Automatic correction of the drift of the offset value

**EXPAIR Software**
- A sophisticated and powerful data-base function and electric storage function
- Trends report (Historic function)
- Pre & Post Test
- Comment function
- Data input “offline” and data transfer “online”
- Report designer
- Predicted value editor
- Choice of languages
- Choice of units for the measured parameters
- Measurement sequencing configuration
- Full calculation function - display of calculation points with manual correction capability
- Technical toolbox to enable diagnostic function and full program control
- Inbuilt quality control with calibration markers for performance
- Remote Diagnostic Service

**OPTIONS**
- Kit for Active Posterior Rhinomanometry
- Calibration Syringe Filter
- Computer integration trolley with electrical insulation transfo.
- Automatic data backup
- Medisoft Network
- Data transfer & reception (HL7,…)

**COMPUTER INTERFACE (REQUIRED)**
- Type: Serial RS232 or USB
- Isolation System fully isolated by optocoupling
- Computer: Standard PC, 19'' monitor, Printer A4 colour Deskjet
- Operating system: Windows 7® 32 or 64 bit

**BELGIUM HEADQUARTER**
P.A.E. de Sorinnes
Route de la Voie Cuivrée 1
B-5503 Sorinnes – Belgium
Tel: +32 (0)82 22 30 20
Fax: +32 (0)82 22 33 34
info@medisoft.be
www.medisoft.be

**MEDISOFT FRANCE**
Rue du Mariéchale de Lattre de Tassigny, 8
95000 Lille
Tel: +33 (0)3 44 12 00 00
Fax: +33 (0)3 44 12 00 00
info@medisoft-france.fr
www.medisoft.fr

**MEDISOFT ITALIA**
Via Germania, 14
35127 CAMIN (PD)
ITALY
Tel: +39 049 87 03 355
Fax: +39 049 87 03 388
info@medisoft-ram.it
www.medisoft-ram.it

**MEDISOFT GERMANY GmbH**
Universitätsstraße, 136
D-44799 Bochum
GERMANY
Tel: +49 (0) 234 976-58410
Fax: +49 (0) 234 976-69507
info@medisoft-pft.de
www.medisoft-pft.de

**MEDISOFT CHINA**
West Tower,
Shun Tak Centre
168 Connaught Road Central
Hong Kong
Tel: +852 2267 8933
Fax: +852 2267 8953
postmaster@medisoft-china.com

Medisoft s.a. reserves the right to change and improve the above specifications without prior notice.