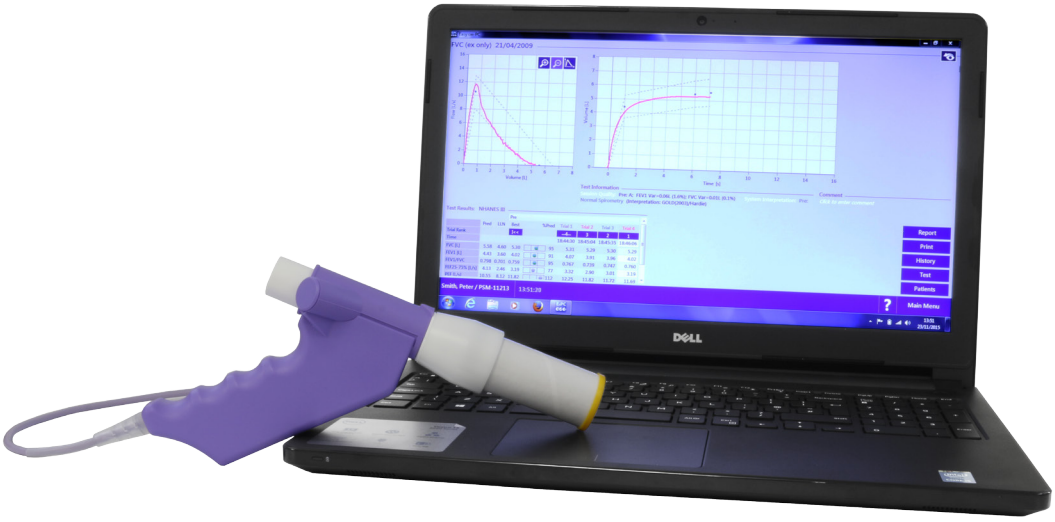

Easy on-PC

Powerful PC-based ultrasonic diagnostic Spirometer.
With EMIS and SystmOne integration available*

EasyOn-PC is a lightweight spirometer that connects directly into a PC or laptop for real-time spirometry diagnostics. The Easy on-PC comes complete with diagnostic spirometry software.

The handheld sensor utilises the ndd TrueFlow technology to measure the flow of air in and out of the patients' lungs. Guaranteed for life, this technology eliminates problems associated with traditional methods of flow measurement and helps make the ndd products extraordinarily fast, reliable, accurate and error free. There are no moving parts, no codes to enter and no screens to catch sputum. The ultrasonic flow measurement is independent of gas composition, pressure, temperature, and humidity thus eliminating errors due to these variables.

The software is free of any licencing with any updates provided free of charge for life. This means the device can be used across multiple PC's with the software installed. The software can be fully integrated into patient record systems such as EMIS and SystmOne*.

KEY FEATURES

- **PC guided spirometry using ultrasonic technology**
  More accurate and reliable than conventional spirometers and is not effected by humidity or other variables
- **Extremely high accuracy for low flows**
  Unlike turbine based spirometers, there is no resistance
- **Feature rich software for comprehensive spirometry testing**
  Includes PRE/POST measurements, lung age, trending as well as selectable interpretation mode and auto QC.
- **Child incentive option**
  Improve patient compliance when testing with children
- **Maintenance-free. Guaranteed for life**
  With no moving parts, the sensor does not require routine servicing nor any cleaning.
- **Licence-free software**
  Can be installed on multiple PC's
- **Fully integrates into EMIS and SystmOne***

systmone ONEPATIENTONERECORD emis

Integration available

** Additional charges apply - please contact us for further details*

ndd Easy on-PC

TECHNICAL SPECIFICATIONS	
Device category	Diagnostic spirometer
Spirometry parameters	ATI, BEV, CVI, E50/150, EOTV, ERV, FEF10, FEF25, FEF2575, FEF2575_6, FEF40, FEF50, FEF50/FVC, FEF50/VCmax, FEF60, FEF75, FEF75-85, FEF80, FET, FET25-75, FEV.25, FEV.5, FEV.5/FVC, FEV.75, FEV.75/FEV6, FEV.75/FVC, FEV.75/VCmax, FEV1, FEV1/FEV6, FEV1/FVC, FEV1/FVC6, FEV1/VCmax, FEV1/VCext, FEV3/FVC, FEV3/VCmax, FEV3, FEV6, FVC, FVC6, IC, IRV, MEF20, MEF25, MEF40, MEF50, MEF60, MEF75, MEF90, MMEF, MTC1, MTC2, MTC3, MTCR, MVV, MVV6, MVVtime, Rf, PEF, PEFT, t0, VC, VCext, VCex, VCin, VCmax, VT
Flow measuring range	± 16 l/s
Flow resolution	4 ml/s
Volume measuring range	± 12 l
Volume accuracy	± 2% or 0.050 l
Flow accuracy	± 2% or 0.020 l/s
PEF accuracy	± 5% or 5 l/min
MVV accuracy	± 2% or 0.050 l
Resistance	~ 0.3 cm H2O/l/s
Sample rate	400 Hz
Data transmission	USB
Software requirements	**Hard disk:** Installation/ system 1 GB Data up to 4 GB **RAM:** 2gb
Operating system	Windows XP SP3, Windows Vista, Windows 7, Windows 8 and 8.1 (32 and 64 bit)
Operating conditions (Sensor)	**Temp:** 0 - 40 °C/32 - 104 °F **Rel. Humidity:** 5 - 95 % **Atmosph. Pressure:** 500 - 1060 hPA
Dimensions	160 x 30 x 70 mm
Weight	155 g

Ordering Information

PART NUMBER	DESCRIPTION
831620	ndd Easy on-PC ultrasonic spirometer
831206A	Re-usable Spirette 'M'
881002	One-way valve adult mouthpieces (Box of 200)

Distributed by:

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