

EasyOne™ Test Modes and Parameters

FVC test:

FVC	MEF25 (FEF75)
FEV1	MEF50 (FEF50)
FEV3	MEF75 (FEF25)
FEV6	MEF25-75 (FEF25-75)
FEV1/FVC	PEF
FEV1/FEV6	Tzero
FEV1/VC	BEV
FEV1var	EOTV
FEV6var	PEFT
FVCvar	FET

FVL test (add. to FVC):

FVC
PIF
MIF25 (FIF75)
MIF50 (FIF50)
MIF75 (FIF25)

SVC test:

VCmax
VCin
VCex
IC
ERV
IRV
VT
RF

MVV test:

MVV
BPM

Specification and Technical Data

Dimension: 83 x 158 x 43 mm

Weight 245 g

Measuring accuracy Volume: ± 2% or 0.050 l
Flow: ± 2% or 0.020 l/s
PEF: ± 5% or 0.200 l/s
MVV: ± 5% or 5 l/min

Resolution: Volume: > 1 ml
Flow: 4 ml/s

Measuring range: Volume: ± 12 l
Flow ± 16 l/s

Resistance: approx. 0.3 cm H₂O/l/s

Display: 64 x 160 pixel graphic display

Data entry: 14-key keyboard

Power supply: (2) AA batteries

Battery service life: 400 tests approx.

Data memory: 700 tests approx.

Print out: direct to printer or via PC,
plain paper A4

Data communication: direct: printer, modem-telephone,
e-mail. With EasyWare to PC and beyond

Languages: English, German, French, Italian,
Spanish, Portuguese, Polish,
Japanese, Norwegian, Finnish,
Danish, Greek, Swedish, Dutch.
Other languages on demand

Predicted values: ERS (ECCS), Roca, Austria, NHANES III,
Knudson 1976, Knudson 1983, Crapo,
Morris, Cherniak, Berglund,
Gulsvik, Hedenstroem, Asia 1-4,
JRS2001, Gore, Pereira, Finnish.
Paediatrics: Zapletal, Dockery,
Hsu, Hibbert

ndd advantage:

(ndd true flow)

- no sensor in contact with sample
- no influence of humidity, barometric pressure, contamination
- no calibration
- no cleaning, no maintenance
- simple and economic consumables
- easy to operate outside lab with operator prompts and diagnostics
- extremely high accuracy for low flows
- no down time

all competitors:

(turbine, Fleisch, pneumotach, heated wire)

- sensor always in contact with sample
- extremely sensitive to contamination (measuring errors)
- regular calibration needed
- need for cleaning
- need for filters
- difficult to operate outside labs
- limited low flow detection
- down time for maintenance

For a quote or more information contact:

Jim Kurzec
Workplace INTEGRA

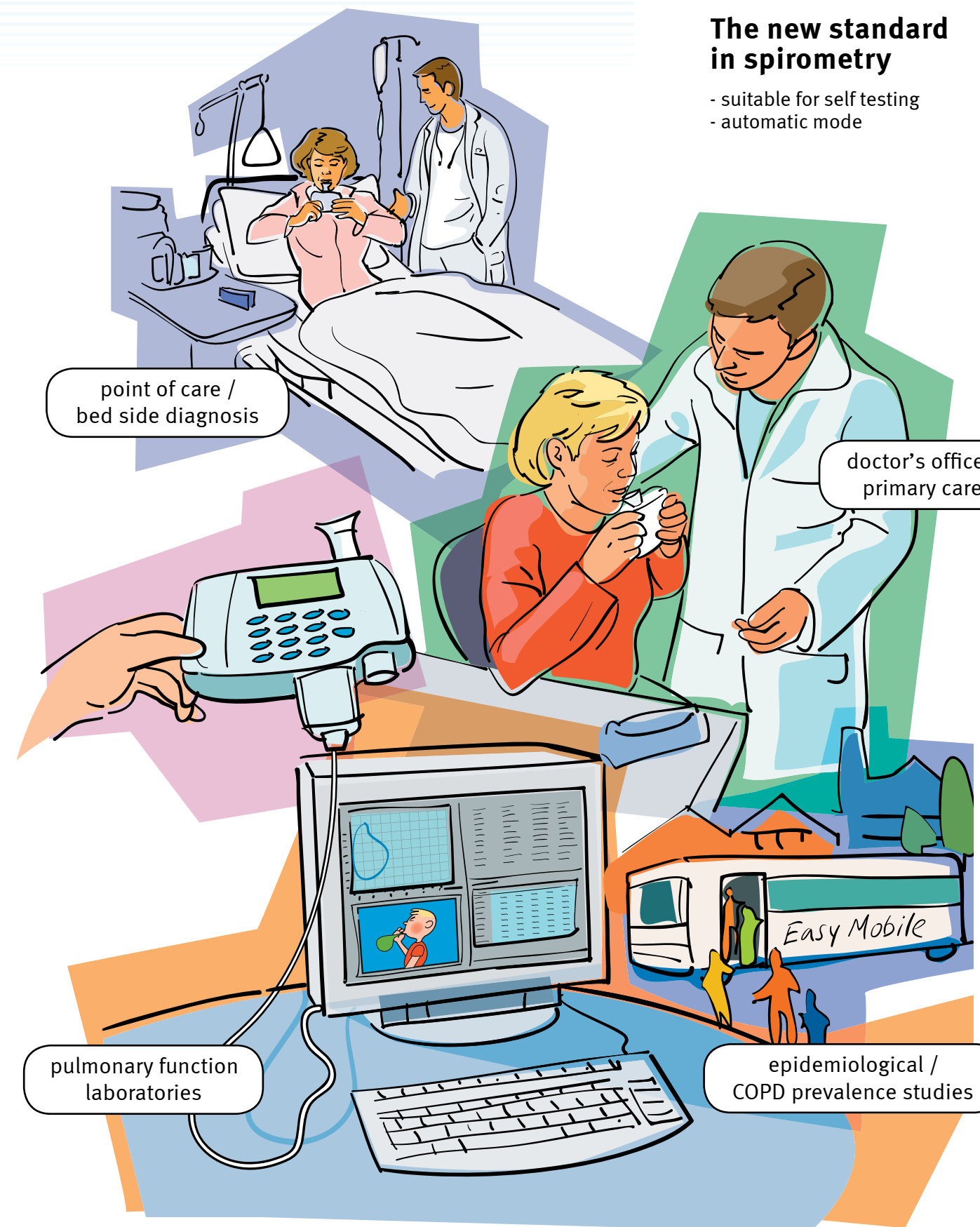
420-B Gallimore Dairy Road
Greensboro, NC 27409
1-888-WPI-0001
jkurzec@wpintegra.com

ndd

EasyOne

**The new standard
in spirometry**

- suitable for self testing
- automatic mode



ndd

ndd Medizintechnik AG
Technoparkstrasse 1
CH-8005 Zurich, Switzerland
www.ndd.ch

The ndd true flow technology

- sensor is never in contact with the sample
- ndd true flow is absolute flow (no influence by contamination, humidity, droplets, temperature)
- ndd true flow is also used by major OEM manufacturers (Ventilators, Anesthesia, Spirometers etc.)



CE
0120

Endorsed, worldwide proven

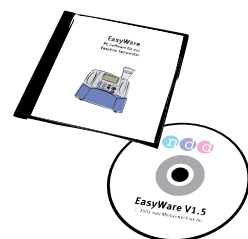
- by NASA, MIR space programs in use for crew monitoring in outer space
- ATS, ERS, CSA, JAPAN, FDA, CE, NIOSH, OSHA, GOLD, BOLD, Platino
- drug makers for clinical and marketing studies
- major Asthma / COPD drug companies
- top references in USA, EU, Japan, Asia, Australasia, Latin America

Keypad

- alpha numeric
- data entry like cell phone

Cradle (base station)

- for standby positioning of the **EasyOne™**
- for communication from the **EasyOne™** :
 - directly to printer, serial or USB
 - to PC (by the **EasyWare™** software)
 - to modem / telephone (studies, home use etc.)
 - direct encrypted e-mail transmission



The display

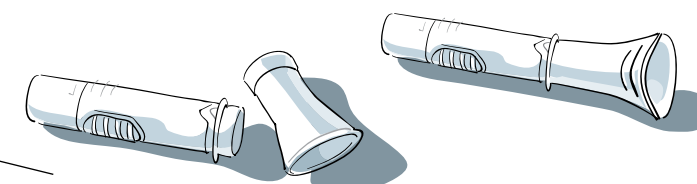
- 5 lines with ample space for clear communication
- used for guidance to achieve high grade tests
- gives instant results and diagnosis



Actual size

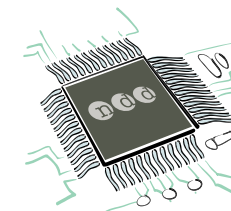
Lowest running costs

- different consumable options; single use and reusable spirettes to match the user's priority
- no costly calibration nor any other maintenance
- no down time



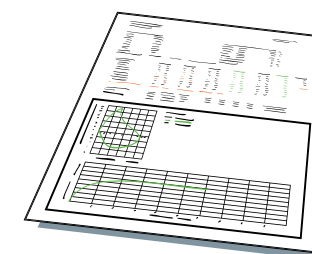
spirette™

- the best docking for adults and children
- hygienic single patient consumable for full contamination control



Vast memory

- up to 700 patients (first in first out)
- secured memory, no accidental loss when battery low
- multiple units may be used with one cradle and one **EasyWare™** PC software

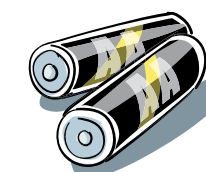
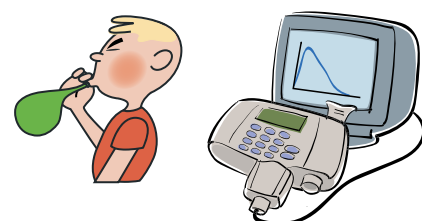


Report

- plain paper A4 or letter size
- in colors with clear and lasting print
- ready to be filed and stored
- direct USB connection to printer
- export to 'word', 'excel' etc.

EasyOne Screen™

- for connection of the **EasyOne Screen™** to a PC
 - direct real time FV and VT curve
 - reject / accept feature
 - children incentive screen



Battery powered

- 2 AA standard batteries last for approximately 400 tests
- no need for re-charging, no down time
- works everywhere, any time