

# Easy On PC

## The New Standard in PC-Spirometry

**Redefining Standard  
Through TrueFlow Technology**



### A Powerful Solutions for PC-based Spirometry

The NDD Easy on-PC is a revolutionary new type of spirometer that plugs directly into the USB port of your PC, without the need of any additional docking station or data uploading. If you have a laptop or notebook, Easy on-PC becomes highly portable too.

Designed for the professional, the Easy on-PC features the NDDs TrueFlow Technology Ultrasonic Flow sensor. The instruments is very fast, yet simple to use on EasyWare software.

The Easy on-PC comes with user friendly EasyWare Software, upto 63 parameters, both open and closed loop test techniques and graphical child incentives. The term trending of patient results, lung age calculation and textual interpretation are also featured.

### NDD TrueFlow Advantages

- \* Sensor never ever in contact with sample
- \* No influence of humidity, barometric pressure, contamination
- \* No calibration required
- \* No cleaning, no maintenance
- \* Simple and economic consumable
- \* Easy to operate in doctor's office, occupation health
- \* Extremely high accuracy for low flows (resistance free measurements)
- \* No down time

# Easy On PC

## The New Standard in PC-Spirometry

### Measured Parameters

#### FVC Test:

FVC, FEV1, FEV0.25, FEV0.5, FEV0.75, FEV3, FEV6, FEF10, FEV1/FVC, FFV1/FEV6, FEV0.25/FVC, FEV0.5/FVC, FEV0.75/FVC, FEV3/FVC, FEV1/FEV6, PEFR, FEF25%, FEF50%, FEF75%, FEF85%, FEF85%, FEF80%, FEF60%, FEF40%, FEF75-85%, FEF2575/FVC, FIVC, FIV1, FIV0.25, FIV0.5, FIV0.75, FIF25%, FIF50%, FEF75%, PEFT, FET, PIF, PIFT, TO, MTCR, MTC3, MTC2, MTC1, ATI, E50/150, CVI, BEV, EOTV, BTPSin, BTPSex, PEF(LIS), FEF 25-75%, FET(S), MEF 25, 50, 75 and etc.

#### SVC Test:

VCmax, VCin, VCex, IC, ERV, IRV, VT, Rf

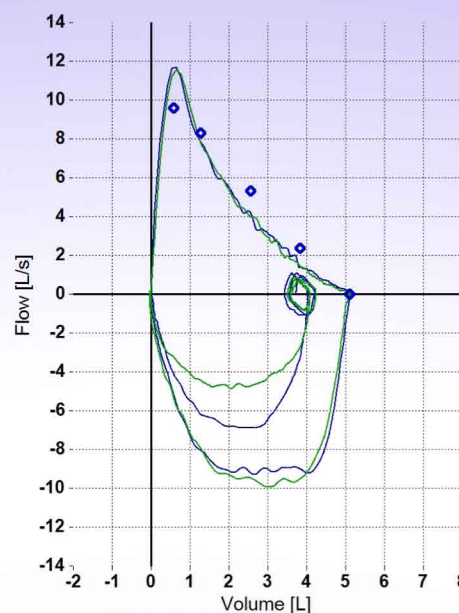
#### MVV Test:

MVV, BPM, MVVt, MVV<sub>6</sub>, VT, VCex(L), f(BPM)

#### Provocation Test

#### System Interpretation:

GOLD(2003), GOLD(2003)/Hardie, GOLD(2008), GOLD(2008)/Hardie, NICE, NICE 2010, NLHEP, JRS (Fix Ratio), JRS (LLN)



### Predicated values

ERS (ECCS), Roca, Australia NHANES III, Knudson 1976, Knudson 1963, Crapo, Morris, Chemaik, Berglund, Gulsvik, Hedenstroem, Asia 1-4, JRS2001, Gore, Pereira, Finnish, Austria 1988, Austria 1944, Canada 2004, Chile, Ethiopia 1985, Falaschetti 2004, Fukuda Satndard, Klement, Langhammer, Padilla 2001, Padilla 2006 (PLATINUM), Pereira 2006, 2008, Periraetal, Quanjer 2012, Sapaldia, Stanojevic 2009 Paediatrics : Zapletal, Dockery, Hsu, Hibbert, Eigen, Nystad, Padilla 2003, Polgar, Rosenital, Vilozni, Zapletal 2003

### Specifications

Dimension of hand held sensor:	16 x 3 x 7 cms
Weight:	155gms
Cable length:	1.8m
Measuring accuracy:	volume +/- 2% or 0.0501 flow +/- 2% or 0.0201 PEF +/- 5% or 5l/min
Resolution:	volume > 1 ml flow 4ml/s
Measuring range:	volume +/- 12l flow +/- 16l/s
Resistance:	approx 0.3 cm H <sub>2</sub> O/ l/s
PC operating system:	Windows 2000 SP4, Windows Server 2003, Windows XP SP2, Windows Vista, Win7 and Win8
Processor:	Intel/Pentium or equivalent, 1 GHZ
Interface:	USB 2.0 or earlier
Screen Resolution:	min 1024 x 768 - 1280 x 960
Harddisk capacity:	Installation/System 1GB, Memory 4 GB
RAM:	min 512 MB - 1 GB recommended

### Quality

Endorsed, worldwide proven by NASA, MIR space programs in use for crew monitoring in outer space, ATS, ERS, CSA, JAPAN, FDA, CE, NIOSH, OSHA, BOLD, Platino, GA2 LEN, IMCA

### Essential features

- PC guided spirometry
- Bio calibration check feature
- Ready to use GDT interfacing possibility
- In- and expiratory real-time curve
- Test selection with or without tidal breathing
- Pre/post measurements
- Quick test, Children incentive and Trending
- Actualized Fletcher curve on report
- Country specific predicated values selectable
- Interpretation mode selectable / Lung age
- Auto QC, Ethnic correction factors and Multilingual



**JK Medical Systems Private Limited**

1068, Munusamy Salai, West K.K. Nagar, Chennai-600078, India  
Tel: 044 23664761/23664762 | sales@jkmedical.co.in | www.jkmedical.co.in



**n d d Medizintechnik AG**

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