

EasyOne Air

The new All-in-One revolution in Spirometry



 Bluetooth



The Proven Ultrasound Technology

- No Calibration, No warm-up time, No moving parts
- Quickly assess test quality
- Data exchange via Bluetooth to the PC
- Intuitive user guidance
- Large color touch screen for easy data entry and navigation
- Pediatric incentive via Bluetooth to EasyOne Connect
- EasyOne Connect for seamless EMR integration
- Rechargeable battery

Standards & Recommendations

Quality, Medical
Devices & Electrical

ISO13485, ISO 14971,
IEC62366, IEC62304,
ISO 26782, ISO23747,
IEC 60601-1, IEC 60601-2,
ISO 10993-1

FDA
Associations &
Institutes

510(k) clearance
ATS / ERS 2005, NIOSH,
OSHA

Languages

English, French, German, Spanish

Technical

Printing options

Direct to printer or with
EasyOne connect software

Data Management
Export

EasyOne Connect
HL7, XML, GDT with software

Data links

USB, Bluetooth

Test Storage

Up to 10,000 tests

Age range

Spirometry > 4 years

Dimensions

87x155x36mm (HxBxT), 356 g
3.4x6.1x1.4" (HxWxD), 13 oz

Device Classifications

Type BF applied part

Operating Conditions

Temp 0-40°C / 32-104°F

Rel. Humidity 5-90%, Atmosph.

Pressure 700-1060 hPa

Power Supply

5 VDC, Standby 0.3W

Rechargeable battery

Exchangeable, 3.6 VDC

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Parameters

FVC	BEV, EOTV, FEF10, FEF25, FEF 2575, FEF 2575/FVC, FEF40, FEF50, FEF50/FVC, FEF60, FEF60, FEF80, FET, FET2575, FEV.25, FEV.5, FEV.5/FVC, FEV..75, FEV.75/FVC, FEV1, FEV1/FEV6, FEV1/FVC, FEV3, FEV3, FEV3/FVC, FEV6, FVC, MEF20, MEF25, MEF40, MEF50, MEF60, MEF 75, MEF90, MMEF, PEF, PEFT, t_0
FVL	BEV, EOTV, FEF10, FEF25, FEF2575, FEF2575/FVC, FEF40, FEF50, FEF50/FVC, FEF60, FEF75, FEF80, FET2575, FEV.25, FEV.5, FEV.5/FVC, FEV.75, FEV.75/FVC, FEV1, FEV1/FEV6, FEV1/FVC, FEV3, FEV3/FVC, FEV6, FVC, MEF20, MEF25, MEF40, MEF50, MEF60, MEF75, MEF90, MIF25, MIF50, MIF75, MMEF, PEF, PEFT, t_0
SVC	ERV, IC, IRV, Rf, VC, VCex, VCin, VCmax, VT
MVV	MVV, MVV6, MVVtime, VT

Predicted Normal Values Spirometry

GLI	Stanojevic 2009, Quanjer 2012
North America	NHANES III (Hankinson) 1999, Knudson 1983, Knudson 1976, Crapo 1981, Morris 1971 & 1976, Hsu 1979, Dockery (Harvard) 1993, Polgar 1971, Gutierrez (Canada) 2004, Eligen 2001
Latin America	Pereira 1992, Perreira 2006 & 2008, Perez-Padilla (PLATINO) 2006, Perez-Padilla (Mexico) 2001, Perez-Padilla (Mexico, Pediatrics) 2003, Chile 2010, Chile (Pediatrics) 1997
Europe	ERS (ECCS, EGKS, Quanjer)1993, Zapletal 1977, Zapletal 2003, Rosenthal 1993, Austria 1988, Austria 1994, Sapaldia (Switzerland) 1996, Roca (Spain, SEPAR) 1982, Garcia-Rio (SEPAR) 2013, Vilozni 2005, Falaschetti 2004, Klement (Russia) 1986
Europe Scandinavia	Hedenstrom 1985 & 1986, Gulsvik (Norway) 1985, Berglund Birath (Sweden) 1963, Langhammer (Norway) 2001, Finnish 1982 (1998), Nystad 2002
Australia	Hibbert 1989, Gore Crockett 1995
Asia	Chhabra (India) 2014, Dejsomritrutai (Thailand) 2000, Indonesia 1992, IP (China, Hong Kong) 2000 & 2006, JRS 2001 & 2014
Africa	Ethiopia 1985

Flow / Volume Sensor

Type	Ultrasonic transit time
Flow Range	+ 16 l/s
Flow Resolution	4 ml/s
Flow Accuracy	+ 2% or 0.020 l/s
(except PEF)	
PEF Accuracy	+ 5% or 0.200 l/s
MVV Accuracy	+ 5% or 5 l/min
Volume Range	+ 12 l
Volume Resolution	1 ml
Volume Accuracy	+ 2% or 0.050 l
Resistance	0.3cm H ₂ O/l/s at 16 l/s

Order Information

Part Number	Product
2500-6MJKM	EasyOne Air India Type M package
5050-50	EasyOne Flow Tube, individually wrapped, box of 50pcs

FDA CE 0210

Distributed and Marketed By:



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