

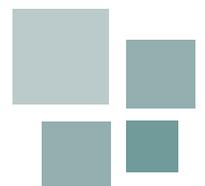
PC-based Mobile Spirometer

PRIMO & PRO

Durable Office Spirometer
More than 90 parameters
Patient Safety
User-Friendly

Medikro® Primo is a professional and efficient PC-based spirometer for primary care. It is an accurate and easy-to-use system that complies with all the latest ATS/ERS spirometry standards.

Primo utilizes Medikro® Spirometry Software (MSS). The system provides general practitioners the assurance of reliable results with an intuitive navigation, adjustable interpretation options and clear visualization of results. With disposable Medikro® SpiroSafe flow transducers there is no need for bacterial filters or sterilization. This increases patient throughput and saves operational costs.



CONSUMABLES & ACCESSORIES (OPTIONAL)



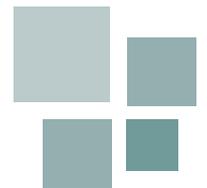
Medikro Ambi



Medikro SpiroSafe

SPIROMETRY MEASUREMENTS

	PRIMO	PRO
TV		✓
MVV		✓
SVC	✓	✓
FVC	✓	✓
FVC + FIVC	✓	✓
FVC	✓	✓



TECHNICAL SPECIFICATIONS

Physical dimensions	107*70*18 mm
Weight	305g
Frequency response	0...250 Hz (-3 dB)
Supply voltage	via USB port
Temperature correction	Software-based
Temperature range	+10...+40°C
Relative humidity range	5...85%
Pressure range	600...1060 hPa
Quality system	FDA QSR, MDD 93/42/EEC, ISO 13485
Safety standards	IEC/EN60601-1, IEC/EN60601-1-2, IEC/EN60601-1-6, IEC/EN60601-1-9
Other standards	ISO 26782, IEC/EN 62366

SPIROMETRY SOFTWARE

Fully scalable updatable and upgradable software

shared Ms Access or SQL Database

EHR connection through XML/GDT

Automatic PDF export included.

Medikro spirometry software (MSS) provides easy operation, flexible parameter selections and comprehensive choice of report formats. Regular software ensures that your system is always up-to-date.

MSS is intuitive and easy to use. It provides clear visualization of results and customizable reports session results can be transferred into Electronic Health Record (EHR) systems via a local area network or emailed to consulting physicians fast and faultlessly several quality control tools are integrated in the Software. These include the calibration log reproducibility index and flow / time indicator.

SPIROMETRY **MEDIKRO**

Name of the organization: _____
 Department: _____
 Address: _____ 2/11/2021 at 1:30 PM

PERSONAL INFORMATION

Date of birth: 11/24/1990	Height : 170.0 cm
Age and sex: 30 years old male	Weight : 55.0 kg
First name: RADHASHYAM	Personal ID : 123
Profession:	BMi : 19.0 kg/m ²
Patient code: 5223	Ethnic group:

SMOKING No

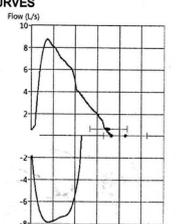
CLINICAL INFORMATION

Illness :	Co-operation: Satisfactory
Medication:	Comment :
Problem :	Operator : NIDEK

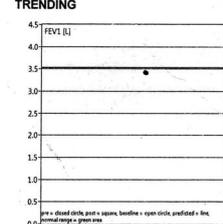
Abbr.	Unit	Pred value	MEASURED VALUES			Normal range (-----)	95% range
			Pre test	Post test	Difference		
		linal_m	abs %pred	abs %pre	abs %pre	Pre (o) & Post (o) Results	linal_m
FVC	L	4.28	3.62	85		-----	77-123
FEV1	L	3.52	3.42	97		-----	76-124
FEV6	L		3.62			-----	
FEV1%(FVC)	%		82.35	94.41	115	-----	84-116
PEF	L/s		8.35			-----	
FEF50	L/s		6.12			-----	
FEF75	L/s		2.58			-----	
FEF25-75%	L/s		4.79			-----	
FIVC	L		2.30			-----	
FIV1	L		2.30			-----	
FIV1%(FVC)	%		100.00			-----	
PIF	L/s		7.81			-----	

Temperature: 24.0 °C Humidity: 50.0 % Pressure: 1013.3 mbar Gain (insp/exp): 1.0001/0.0 Blps (insp/exp): 1.096/1.000

BEST CURVES



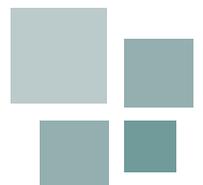
TRENDING



INTERPRETATION

Severity of ventilatory disturbance	: Normal (ATS/ERS 2005)
Ventilatory dysfunction type	: Normal (ATS/ERS 2005)
Bronchodilation test	:
Manual interpretation	:

M8124-3-4.5-mull.htm



VARIABLES

	PRIMO	PRO		PRIMO	PRO		PRIMO	PRO		PRIMO	PRO
TV		✓	FR		✓	MV		✓	MVV		✓
MVVFR		✓	MVVT		✓	MVVDIFF		✓	IRV		✓
IC	✓	✓	EC		✓	FVC	✓	✓	FEV0.25	✓	✓
FEV0.5	✓	✓	FEV0.75	✓	✓	FEV1	✓	✓	FEV2	✓	✓
FEV3	✓	✓	FEV4	✓	✓	FEV5	✓	✓	FEV6	✓	✓
FVC%(VC)	✓	✓	FVC/FEF25-75	✓	✓	FEV0.25%(VC)	✓	✓	FEV0.25%(FVC)	✓	✓
FEV0.25%(FEV6)	✓	✓	FEV0.5%(VC)	✓	✓	FEV0.5%(FVC)	✓	✓	FEV0.5%(FEV6)	✓	✓
FEV0.75%(VC)	✓	✓	FEV0.75%(FVC)	✓	✓	FEV0.75%(FEV6)	✓	✓	FEV1%(VC)	✓	✓
FEV1%(FVC)	✓	✓	FEV1%(FEV6)	✓	✓	FEV1%(FIV1)	✓	✓	FEV1/PEF	✓	✓
FEV2%(VC)	✓	✓	FEV2%(FVC)	✓	✓	FEV2%(FEV6)	✓	✓	FEV3%(VC)	✓	✓
FEV3%(FVC)	✓	✓	FEV3%(FEV6)	✓	✓	FEV4%(VC)	✓	✓	FEV4%(FVC)	✓	✓
FEV4%(FEV6)	✓	✓	FEV5%(VC)	✓	✓	FEV5%(FVC)	✓	✓	FEV5%(FEV6)	✓	✓
PEF	✓	✓	PEF%(PIF)	✓	✓	RT10-90	✓	✓	DT90	✓	✓
DT95	✓	✓	PEFT	✓	✓	FEF25	✓	✓	FEF50	✓	✓
FEF75	✓	✓	FEF25-75%	✓	✓	FEF70%(FIF50)	✓	✓	FEF25-75/VC	✓	✓
FEF25-75/FVC	✓	✓	METT	✓	✓	AEFV	✓	✓	FET	✓	✓
EV	✓	✓	V%(FVC)	✓	✓	LAGE	✓	✓	FIVC	✓	✓
FIV0.5	✓	✓	FIV1	✓	✓	FIV6	✓	✓	FIV0.5%(VC)	✓	✓
FIV0.5%(FIVC)	✓	✓	FIV0.5%(FIV6)	✓	✓	FIV1%(VC)	✓	✓	FIV1%(FIVC)	✓	✓
FIV1%(FIV6)	✓	✓	FIV1%(FEV1)	✓	✓	PIF	✓	✓	PIF%(PEF)	✓	✓
FIF25	✓	✓	FIF50	✓	✓	FIF75	✓	✓	FIF25-75%	✓	✓
FIF70%(FEF50)	✓	✓	MITT	✓	✓	AIFV	✓	✓	FIT	✓	✓
IEV	✓	✓	IEV%(FIVC)	✓	✓	TIME	✓	✓	VC	✓	✓
VC%(FVC)	✓	✓	VC/FEF25-75	✓	✓	VCDIFF	✓	✓	FVCDIFF	✓	✓
FEV1DIFF	✓	✓	PEFDIFF	✓	✓						



*Upgraded model
Manufactured by Medikro Oy



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