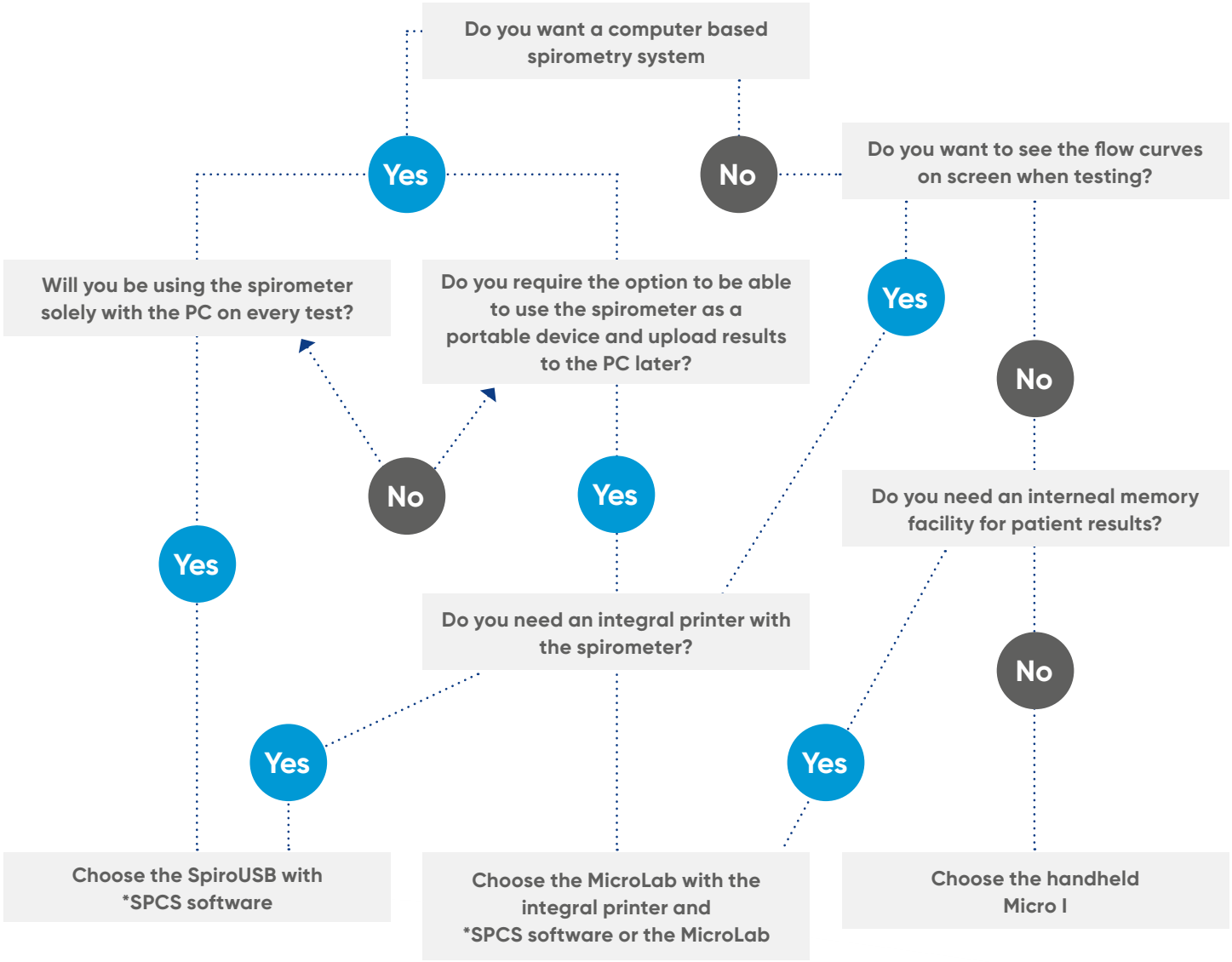
vyaire™ MEDICAL

Mobile Spirometers & Co Meters from Primary to Home Care

Micro Medical

Which Micro Medical Spirometer to choose?



The Global Lung Initiative (GLI), are the first set of global multi-ethnic predicted values for spirometry that spans an age range of 3 to 95 years. Their use in spirometry has been advocated by many global organisations.

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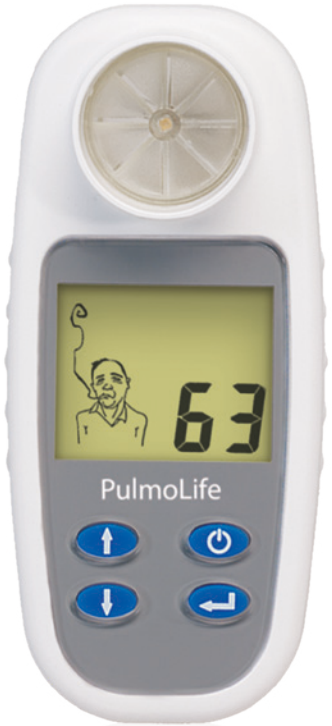
Micro I™

- Choice of up to 9 indices can be recorded
- Choice of predicted value including GLI
- PC configuration for user specific preferences and PDF report
- ATS/ERS quality prompt for each test
- Results can be configured and displayed as – % of predicted, standard deviation (SD) or z Scores

PulmoLife

- Quick and easy screening device for early diagnosis of COPD
- Suitable for:
  - FEV_1 – the measurement of choice in COPD screening
  - Lung age interpretation – meaningful and powerful information for the patient
  - Encouraging susceptible smokers to quit
- Low cost
- Measures and displays FEV_1 and FEV_1%



MicroPeak (ATS & EU)

- The Peak Flow Meter with an immaculate pedigree
- First class design pedigree
- High visibility EU or ATS scale
- Wash-proof colour-zone asthma management system
- Built-in check valve
- Fully customisable for promotional purposes
- Easily cleaned

MicroLab

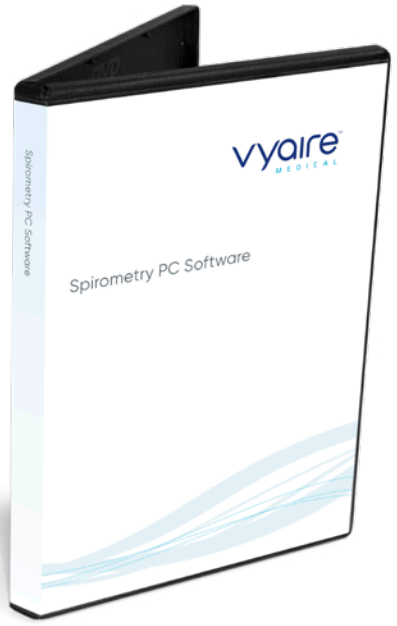
- Fully compliant to ATS/ERS 2005
- Standard colour touch-screen
- 41 inspiratory and expiratory indices measurable
- On-screen graphical child incentive device
- Numerous predicted values incl. GLI and languages selectable
- Optional software (SPCS)
- Bronchodilator and/or steroid assessment

SpiroUSB

- USB interface
- Simply plug – click – blow
- 50 spirometry parameters
- No batteries required
- Optional diagnostic and interpretation software

Spirometry PC Software (SPCS)

- Intelligence for spirometry
- Individual patient selection for easier testing and workflow
- Quality grading of blow performance
- Pre and post bronchodilator comparisons
- Real time display of manoeuvres
- Lung age calculation and textual interpretation based on ATS, NICE or Enright recommendations
- Windows 8 and 10
- Choice of four animated incentives



Micro CO

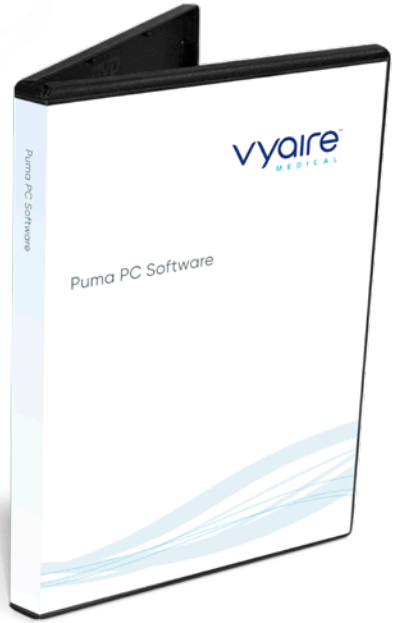
- An advanced test for the detection of cigarette consumption
- Results displayed in PPM and %COHB
- Breath-hold countdown timer
- Auto-zero function for rapid testing
- Easy to use, clean and maintain
- Audible warning for high CO levels
- Colour light indicators

MicroRPM

- Simple tests for Respiratory Muscle Strength
- Combined, mouth (MIP/MEP) and nasal pressure (SNIP) measurements
- Small, portable and lightweight
- Optional Puma, PC Software package

Puma

- Optional respiratory pressure PC software for the MicroRPM
- Complete database management and analysis software
- Real-time pressure graphs for PImax, PEmax and SNIP
- Pre and post medication/exercise facility
- Child incentive animation
- Choice of predicted values



Consumables

- ✓ Disposable or multiple use nose clips
- ✓ Disposable one-way safety mouthpieces
- ✓ Paediatric disposable mouthpieces
- ✓ MicroGard II bacterial Filter/kit solution
- ✓ Adult disposable mouthpieces
- ✓ Adult mouthpiece dispenser pack
- ✓ Sterilising solution
- ✓ Thermal printer paper
- ✓ Nasal probes, 4 sizes
- ✓ MicroCO disposable mouthpieces
- ✓ Rubber flanged mouthpiece
- ✓ Expiration/Inspiration pressure valve
- ✓ MicroRPM filters

Do you know?

Cleaning cycle of the turbine can be reduced to 3 month by using the comprehensive MicroGard II Filter and Filter kits*.

* based on the Bio Burden DIN EN ISO 11737-1: Report 18AA0088

Spirometer Indices Matrix

	PulmoLife	Micro I	MicroLab	SprioUSB
PEF		○	○	○
FEV_1	○	○	○	○
FEV6		○	○	○
FVC		○	○	○
FEV_1/FVC%		○	○	○
FEV_1/FEV6%		○	○	○
FEF25-75		○	○	○
FEF25		○	○	○
FEF50		○	○	○
FEF75		○	○	○
FET			○	○
MET			○	○
IC			○	○
VC			○	○
FEV_1/VC%			○	○
FEV0.5			○	○
FEV0.5/FVC			○	○
FEV0.5/FEV3			○	○
FEV0.75			○	○
FEV0.75/VC%			○	○
FEV0.75/FVC%			○	○
FEV3			○	○
FEV3/VC%			○	○
FEV3/FVC%			○	○
FEF50/VC			○	○
FEF50/FVC			○	○
FEF25-75/FVC			○	○
MVV (ind)			○	○
MVV			○	○
FIV0.5			○	○
FIV1			○	○
FIVC			○	○
PIF			○	○

	PulmoLife	Micro I	MicroLab	SprioUSB
FIV0.5/FIVC			○	○
FIV1/FIVC			○	○
FIF75			○	○
FIF50			○	○
FIF25			○	○
FEF50/FIF50			○	○
FET25-75			○	○
FET			○	○
EVC			○	○
IVC			○	○
IC			○	○
TV			○	○
ERV			○	○
IRV			○	○
FR			○	○
Ti			○	○
Te			○	○
Ti/Ttot			○	○
TV/Ti			○	○
Lung Age	○	○	○	○
Links to SPCS			○	○
Internal printer			○	
Links to SentrySuite			○	
external printer			○	○
Rechargeable				
battery		○	○	○
Choice of Predicted values	○	○	○	
Pre/post brocnchodilator		○	○	○
Memory		○		
Animation/incentives screens			○	○
Quality prompts		○	○	○
Interpretation	○	○	○	○

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Please read the complete Instructions For Use that come with the devices or follow the instructions on the product labelling VYR-GBL-1900067.