



progetti
Medical Equipment Solutions

PG SPIRO

Desktop spirometer



USB



Bluetooth



HL7 Spain

SPIROMETER intended for
Primary Care, Occupational Health,
Respiratory Units



Turbine transducer



Rechargeable battery



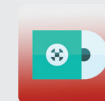
Spirometry quality
control



Internal printer



Adult and pediatric
incentives



Software included



SPIROMETER 

PG SPIRO

MAIN FEATURES



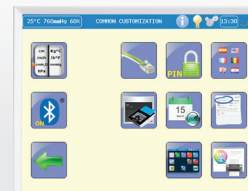
- Tests: FVC, VC, MVV and Bronchodilation
- Internal printer and rechargeable battery
- Database with more than 1000 tests with graphs
- Quality control program (QC Prompts & QC Grades)
- Adult and pediatric incentive graphs on screen
- Integrated temperature sensor
- Connectivity via USB, Bluetooth, HL7 (optional)
- Spirometry software included

Adult and Pediatric References

GLI/QUANJER · ERS · SEPAR 2013 · KNUDSON · CRAPO · ZAPLETAL · MORRIS
AUSTRIA · GUTIERREZ · CASTRO · PEREIRA 2002 · POLGAR-WENG · HANKINSON-
NHANES III · PEREZ-PADILLA · A.J. CRUZ GOLSHAN · GARCIA RIO · CANDELA
PLATINO · THAI 2000 · CASTRO PEREIRA 2007

Standard configuration:

PG SPIRO + Spirometry Software + Bluetooth + Rechargeable Battery
Desktop spirometer with touch screen. Reusable Turbine transducer.
Intended for Occupational Health and Primary Care.



TECHNICAL SPECIFICATIONS



Parameters	<u>FVC/BRONCHODILATION</u> : FVC, FEV1, FEV1/FVC, PEF, FEF 50%, FEF 25-75%, FEV 6, FEV 1/FEV0.5, PEFT, VEXT, FIVC, FIF50%, FEF 50/FIF 50, FEV.5, FEV3, FEV.5/FVC, FEV3/FVC, FEV1/VC, FEV1/FEV6, FEV1/PEF, FEV1/FIV1, PEF/PIF, FEF25%, FEF75%, FEF75-85%, FET25-75, FET100, FIV1, FIV1/FIVC, PIF, MTT, MVVInd, COPD INDEX, LUNG AGE. <u>VC</u> : VC, TV, ERV, IRV, IC, Ti, Te, To, Ti/t, <u>MVV</u> : MVV, Br./min
Dimensions	195 x 270 x 100 mm.
Weight (without battery or accessories)	1,25 kg.
Screen	640 x 480 pixels and 5,7 inches
Printer	112 mm thermal and graphic
Rechargeable battery	Ni-Mh 9.6V > 2000 mAh. Autonomy of 1.5h approx
Power supply	100-240V, 50/60Hz.
Supply	30W
Measurement range (BTPS) Flow Volume	0 to ±16 l/s 0 to 10 L
Dynamic resistance	< 1,47 hPa (1.5 cmH2O) / (l/s) a 14 l/s
Measurement accuracy (BTPS) Volume Flow PEF	(whichever is greater) 3% or 50 ml 5% or 200 ml/s 10% or 170 ml/s
Temporal accuracy	0,50%
Volume resolution	<10 ml
Sample Rate	100Hz



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ISO 13485:2016+AC:2018 CERTIFICATION



ISO 9001
BUREAU VERITAS
Certification



Quality system ISO certified

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