



Powered by **MIR**
MEDICAL INTERNATIONAL RESEARCH

CARDIOTECH GT-105

SPIROMETER

FEATURES

GT-105

Fast, simple, durable diagnostic spirometer

- Flow volume loop included
- Interpretation with lung age
- Incentive software for both adult and pediatric patients
- PC connectivity (wired/wireless) included
- Maximum spirometry reimbursement potential
- FVC, FEV1, IVC, MVV, PRE/POST bronchodilator comparison with a wide range of selectable parameters
- Color touchscreen 7 inches display plus a long life rechargeable battery
- Direct connection to external USB printer
- 10,000 spirometry tests
- Fast and silent built-in printer with customizable printout format



Fast and Intuitive

For modern professionals

Each function can be activated by a simple touch on the intuitive bar menu always present on the screen.



Customizable Software Tool

- Upgrade device firmware if required
- Upload and save device in case of servicing
- Generate device archive into a PDF report for each spirometry session

INTERNATIONAL
PATENT



FlowMIR®

MIR Disposable Flowmeter

(complies with ATS/ERS standards)

Spirometry testing requires maximum accuracy and hygiene.

Each turbine is factory calibrated with a computerized system and it is packaged individually in a clean room.

100% hygiene guaranteed!

Option available: reusable turbine.

- No Cross-Contamination
- No calibration required

Always included:

Winspiro EXPRESS®

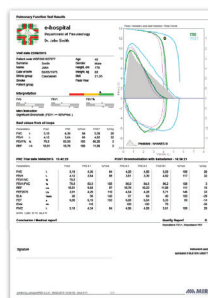
High performance PC software for spirometry and oximetry

- Free software upgrades
- Network Version available

Carrying Case



*Summary
of all tests
carried out*



*Printout:
Spirometry
report*

SPECIFICATION

- Power supply: Rechargeable battery and mains power
- Temperature sensor: semiconductor (0-45°C)
- Flow sensor: bi-directional digital turbine
- Flow range: $\pm 16\text{L/s}$
- Volume accuracy: $\pm 3\%$ or 50mL
- Flow accuracy: $\pm 5\%$ or 200mL/s
- Dynamic resistance: $< 0.5\text{ cmH}_2\text{O/L/s}$
- Connectivity: USB 2.0, Bluetooth® 2.1
- Display: 7inch colour touch screen LCD, 800x480 resolution

- Mouthpieces: $\varnothing 30\text{ mm}$ (1.18 inch)
- Dimensions: 220 x 210 x 51 mm (8,66 x 8,26 x 2in)
- Weight: 1450 g (battery pack included) (3,1lb)

Spirometry parameters:

FVC, VC, MVV, FEV1, FEV1%, FEV6, FEV1/FEV6, PEF, FEF25-75, FET, Extrap. Volume, Lung Age, IVC, IC, ERV