



Pacific Medical Catalogue

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Spirometry 2

SPIROMETRY



QRS ORBIT SPIROMETER

The Orbit™ is a full-function portable spirometer which connects directly to your PC, laptop or tablet. The Orbit™ simplifies spirometry testing by eliminating calibration and sterilization with disposable nose-clips and pre-calibrated mouthpieces. This portable spirometer integrates with Office Medic™ software with the Best Practice & Medical director EMR systems.

Features:

- PC based device
- Best Practice & Medical Director compatible
- Hygienic operation with disposable mouthpieces
- Easy & customisable reports
- Lightweight
- Compact & transportable

Specification:

- Range (BTPS) Flow: ± 14 litres / second
- Range (BTPS) Volume: 0.5-8 Litres
- Accuracy (BTPS) Flow FEF25-75: $\pm 5\%$ of indication or ± 200 ml whichever is greater
- Accuracy (BTPS) Flow PEF: $\pm 10\%$ of indication or ± 300 ml whichever is greater
- Accuracy (BTPS) Volume FVC & FEV1: $\pm 3\%$ of indication or ± 50 ml whichever is greater
- Accuracy (BTPS) Volume MVV: $\pm 10\%$ of indication or ± 15 L whichever is greater
- Calibration: ATS 3 Speed or standard calibration check
- Tests Performed: FVC, PRE / Post Testing, Flow Volume Loop, MVV, SVC
- Dimensions: 10.92x9.4x4.31cm
- Weight: 226gm
- Operating Conditions: 15-40 degrees celsius, 10-90% humidity, 700-1060 hPa atmospheric pressure
- Kit Inclusions: Orbit Spirometer X 1, Pressure Tubes X 2, Nose Clips X 5, Pre Calibrated Mouthpieces X 2, Office Medic Software
- Warranty: 3 Years
- Included Software Updates & Support: 3 Years

ORDER CODES:

VECZ70000101

MAINTENANCE: Please make sure your spirometer is serviced & calibration check is completed yearly to ensure it functions to its optimum.

[Click For More Information](#)

QRS ORBIT MOUTHPIECE

These mouthpieces are individually calibrated during production using the same equipment LDS Hospital uses to validate spirometers against the American Thoracic Society's recommendations for the Standardization of Spirometry. These pneumotachs are single patient use only.

Features:

- Promotes patient safety
- Individually pre-calibrated
- Eliminates cross contamination
- Single use
- Lightweight & Ergonomic
- Pack of 50

ORDER CODES:

VE CZ5000260850

MAINTENANCE: Please make sure your spirometer is serviced & calibration check is completed yearly to ensure it functions to its optimum.

[Click For More Information](#)



QRS ORBIT PRESSURE TUBE

A clear plastic tube that connects the QRS Orbit Spirometer to the mouthpiece. It is reusable, easily replaceable & helps ensure accurate measurements.

Features:

- Connects QRS Orbit Spirometer To Mouthpiece
- Individually packaged
- Reusable
- Pack of 25

ORDER CODES:

VE CZ70002032



MAINTENANCE: Please make sure your spirometer is serviced & calibration check is completed yearly to ensure it functions to its optimum.

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