

RHINOSPIROMETER NV1



gm instruments Ltd

A STAND ALONE OR PC BASED RHINOSPIROMETER

- ← SIMPLE TO USE
- ← DUAL VOLUME READINGS
- ← RESULTS INDEPENDENT OF SUBJECT EFFORT
- ← PROVIDES OBJECTIVE MEASUREMENT OF THE SEVERITY OF NASAL SEPTAL DEVIATION

The NV1 Rhin spirometer



Description

The NV1 Rhin spirometer has been developed to measure the partitioning of airflow between the two nasal passages. The patient breathes through two nasal adapters and the volume of air breathed from each side of the nose is measured over several breaths. A nasal partitioning ratio (NPR) can be easily calculated from the nasal volumes. Measurement of NPR allows an objective measurement of the severity of nasal septal deviation and is also useful for studies on the nasal cycle and rhinitis. Appropriate software and PC connection can also be provided.

Developed in conjunction with the Common Cold Centre at Cardiff University, UK.

Specification:

Size: 21 x 8 x 15cm	Weight: 2 Kgms
Supply Voltage	Universal
Supply power consumption	3 Watts
Repeatability	better than 2% FSD
Volume accuracy (0 to 5 litres)	better than 3% FSD
Standards	Electrical BS EN 60601:1996 EMC BS EN 50081 BS EN 55022 IEC - 801
Warm up time	5 minutes
Operating temperature	+15 to +35°C
Operating humidity	20 to 80% RH non condensing
Duty cycle	Continuous
Display	2 LCD meters

References

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gm instruments Ltd

LOCAL DISTRIBUTOR

GM Instruments Ltd,
Unit 6, Ashgrove, Ashgrove Road,
Kilwinning,
UK, KA13 6PU

Tel: +44(0)1294 554664 Fax: +44(0)1294 551154

email: gminstruments@aol.com enquiries@gm-instruments.com
www.gm-instruments.com