



VENTMETER

Analysis of pulmonary ventilators
in a safely and efficiently way



VENTMETER Analyzer of pulmonary ventilator



It measures simultaneously 18 parameters of mechanical ventilation at each cycle.



Graphics in real time for volume, pressure and flow.



Calibrated according to traceable standard RBC (Brazilian Calibration Network).

* Only the flow and pressure certificate shall (ou will) be issued, as the other parameters are derived from flow and pressure.

HANDHELD, COMPACT AND SIMPLE TO HANDLE

VentMeter analyzes the functionality of pulmonary ventilators in order to ensure safety and efficacy for treatment of patients in ICU. It is possible to attach it to any ventilation support equipment.

PRACTICALITY AND EFFICIENCY TO YOUR WORK FLOW

The handheld instrument measures simultaneously 18 parameters of mechanical ventilation at each cycle of the ventilator. When connected to a computer, with PulmoTrend software, it becomes an extremely versatile product, also allowing to keep performance records of each one of the pulmonary ventilators under use. It can be used by technical assistances, hospitals, clinics and clinical engineering services.

COMPLETE AND SAFE AS THE WAY YOU ARE LOOKING FOR

To have a high performance and confiability in measurements, VentMeter has a certificate of traceable calibration RBC, garanted by INMETRO. It also has a rechargeable internal battery which gives you autonomy of use of up to 4 hours. By its monitor, you can easily see the parameters and curves measured. In addition to have a protection bag for the instrument.

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	RANGE
Instantaneous Measure Pressure	hPa	-50 to 200
Maximum Inspiratory Pressure	hPa	0 to 200
Average Pressure	hPa	0 to 120
Plateau Pressure	hPa	0 to 120
PEEP - Pressure at the end of expiration	hPa	-50 to 120
Volume Measured (Adult Sensor - ADU)	mL	100 to 2000
Volume Measured (Infantile Sensor - INF) ⁽³⁾	mL	10 to 400
Volume Measured (Neonate Sensor - NEO)	mL	1 to 100
Volume Minute	L	0,01 to 50,0
Inspiratory Time	s	0,05 to 60,0
Expiratory Time	s	0,05 to 60,0
Respiratory Frequency	min ⁻¹	1 to 200
Resistance of Airways	hPa/L/s	0 to 200,0
Dynamic Complacence	mL. hPa ⁻¹	0 to 200,0
FiO ₂ (Oxygen Concentration)	% O ₂	15 to 100
Flow Sensor NEONATE - NEO ⁽²⁾	L. Min ⁻¹	-20,0 a 20,0
Flow Sensor INFANTILE - INF ⁽²⁾	L. Min ⁻¹	-50,0 a 50,0
Flow Sensor ADULT - ADU ⁽²⁾	L. Min ⁻¹	-150 a 150

(1) 1 mbar (milibar) = 1 hPa (hectoPascal) = 1.016 cmH₂O (water centimeters). In practice, these units are not differentiated and can be used as: 1 mbar= 1 hPa ≈ 1 cmH₂O

(2) Correction BTPS (Body Temperature pressure Saturated).

(3) For resistances of airways superior to 150 cmH₂O/L/s, volume expired monitoring tolerance to be considered is 10% or 50mL whichever is higher.



Pulmotrend Software

