

PATENTED

flowMIRTM

Disposable Turbine Flowmeter,
with cardboard mouthpiece

The original and Patented disposable
sensor, with turbine technology



REF 910004

MIR
MEDICAL INTERNATIONAL RESEARCH



CE



FlowMIR

Disposable Turbine
with Cardboard
Mouthpiece

MIR

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MAIN features



ACCURATE

Compliant with **ATS/ERS** accredited Spirometry Guidelines, including 2019 update with accuracy 2,5%



PORTABLE

Not affected by air pressure, humidity, temperature and viscosity. No need for a weather station.

Factory calibrated, no need for daily calibration check.



CLEAN

Physically isolated from inspiration and expiration flows. **Reduce cross-contamination risk**



DISTINCTIVE features



COMFORTABLE PACKAGING

Available in a 60 pcs or 10 pcs carton box. Easy to store. Easy to carry. **No expiration date.**



INDIVIDUALLY WRAPPED

Each turbine is individually sealed into an easy-to-open plastic bag.



CALIBRATION FREE

Factory calibrated, **no need for calibration** equipment and calibration procedure



DISINFECTION FREE

Hygienically sealed, **no need for cleaning** equipment and maintenance procedures

Also AVAILABLE

- Without cardboard mouthpiece (code 910001).
- Compatible with disposable Anti-Viral filters (code 910302).



Sensor Flowmeter **OVERVIEW**

	TURBINE	Pneumotach	Ultrasonic
Affected by air pressure, humidity, temperature and viscosity	 No	 Yes	 Yes
Affected by water condensation in expiration	 No	 Yes	 No
Risk of "measurement drift" of the original signal	NONE (Infrared Sensor)	HIGH (Transducer + Filter)	VERY HIGH (Transducer + Control + Filter)
Complete physical isolation of the sensor from inspiration and expiration	 YES	 NO	 NO
Calibration Required	 NO	 YES	 YES

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TECHNICAL Datasheet Rev1 Product Code 910004

Dimension

External diameter	∅ 33.3 mm
Internal diameter	∅ 30.5 mm
Length	41.5 mm
Thickness	2 mm
weight	20.29 g
Mouthpiece	∅ 30 mm (1.18 inches)

Material

Transparent part	LEXAN 121R (polycarbonate)
Deflector	LEXAN 121R (polycarbonate)
Blade	HOSTAFORM C52021
Mouthpiece	pure cellulose or paper

Packaging

Packaging type	clean, not sterile
Pieces per box	10/60 pieces
Pieces per pallet	4800(480 boxes)/ 4200 pieces (70 boxes)
Phthalates	free
latex	free

Certificates & Registration

CE class	IIa
CE certificate	MED 9826
CND code	Z12150180
GMDN code	46906