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# COSMED

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## PRODUCT FEATURES



### SPIROMETRY FILTER 83

*For use during pulmonary lung function testing*

**Description:**

Barrier filtration for protection of patient, staff and equipment from bacterial and viral contamination. Filter "oval shape" to allow adequate blockage of mouth while avoiding possible leaks and dispersion from the sides of the mouth itself.

**Code items:**

- individually packaged:	x Viasys - Jaeger	<b>30886</b>	<b>(colour: grey / orange)</b>
	x MicroMedical-Mir-Vitalograph	<b>30887</b>	<b>(colour: grey / yellow)</b>
	x Medical Graphics	<b>30888</b>	<b>(colour: grey / blue)</b>
	x Cosmed-Medisoft	<b>30889</b>	<b>(colour: grey / green)</b>

**Materials:**

- housing:	Polystyrene (HIPS) <u>recyclable</u>
- filter media:	Hydrophobic Polypropylene TECHN 200
- sealed:	Ultrasonically

**Kind of filtration:**

Electrostatic / Mechanical

**Flow resistance:** (complies with ATS)

- flow rate	14,00 L/sec	< 0,87 cm H <sub>2</sub> O / (L/s)
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**Bacterial Filtration Efficiency:**

Flow rate	30 L/min	99,999 %
Flow rate	750 L/min *	99,7 %

**Viral Filtration Efficiency:**

Flow rate	30 L/min	99,99 %
Flow rate	750 L/min *	99,9 %

**Dead space:**

(connector not included)

51,48 cm<sup>3</sup>

**Filtration area:**

53,75 cm<sup>2</sup>

**Weight:**

34,00 gr

**Working procedure:**

CE 0373 Class IIa - Italian Superior Institute of Health  
Disposable

**Quantity / box:**

100 pcs.

\* HPA, CEPR Biosafety Investigation Unit - UK -

NOTE: single patient use. PVC and Latex free.

**Adaptors for Spirometer:**

Code 30837/B	for spirometer: Biomedin
Code 30845	for spirometer: Koko

Plus n. 20 adaptors to allow to fit 100% of spirometers