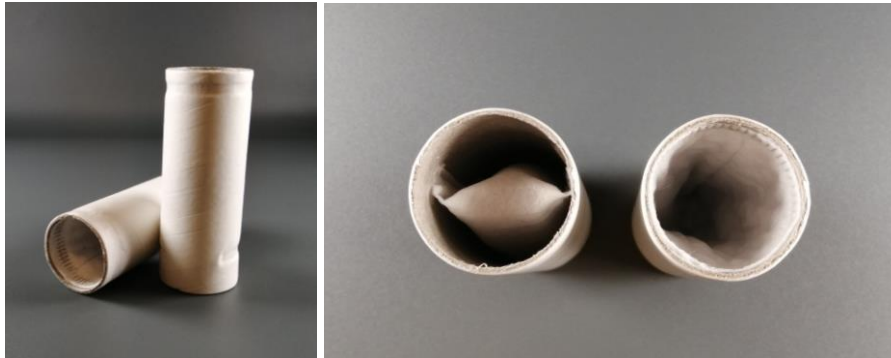




"EUROSPIRO" BOFAP Cardboard Filter for Pulmonary Function Testing



DESCRIPTION

BOFAP is a cardboard viral bacterial filter for spirometry examinations PATENTED by Lumed. It drastically reduces the risk of cross-contamination between patients and helps maintain equipment hygiene.

BOFAP reduces the use of plastic materials by 99% compared to traditional BV filters and reduces dead volume by 50%.

Laboratory tests performed on BOFAP and not only on the filter material have verified the removal of particulate matter as small as 0.2 microns. The main features are:

- **FILTRATION EFFICIENCY:** Nelson Lab - BFE/VFE & Citotoxicity

BFE Filtration Efficiency (%)	VFE Filtration Efficiency (%)	Citotoxicity
99.99961	99.99553	PASS

- **RESISTANCE TO FLOW:** lower than the values reported in EN ISO 23747:2009, EN ISO26782:2009 and in the ATS/ERS guidelines resulting from tests performed with a waveform generator (validated)

BOFAP is a CE Class Ila device, individually packaged and labelled. The materials used in its manufacture are non-toxic and free of banned substances. Like all LUMED "EUROSPIRO" filters, BOFAP also complies with the safety requirements of 93/42/EEC.

TECHNICAL SPECIFICATIONS

LUMED CODE	SPIROMETER BRAND	INTERNAL DIAMETER	EXTERNAL DIAMETER	PZ. x PACKAGE
TSF3962	Contec, Micromedical, MIR, Viasys, Vitalograph	28,0 ±0,2	30,0 -0; +0,5	Dispenser: 50 pz.
TSF5218	Cosmed	28,0 ±0,2	30,5 ±0,2	Dispenser: 50 pz.

TECHNICAL DATA

FILTER MATERIAL	TECNOSTAT [®] (electrostatically charged synthetic fibre with non-cytotoxic PP double layer)
MOUTHPIECE MATERIAL	Recycled paper
PACKAGING MATERIAL	PLA film - biodegradable and compostable
MANUFACTURER	LUMED srl Via Staffora, 18/9 - 20073 Opera (MI) - ITALY
STORAGE	Temperature: 0°C + +50°C - Relative humidity: 20% + 80%.
DISPOSAL	BOFAP filter: disposable with paper (ATICELCA certified) and recyclable Primary packaging: biodegradable and compostable Dispenser: cardboard disposable with paper