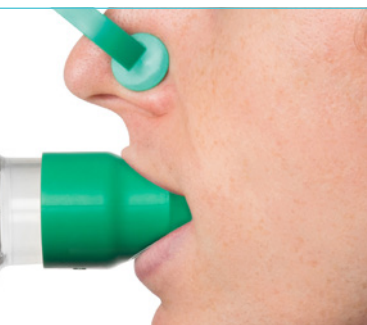# Pulmo-Protect™ lung function filter



**Airway Management** • Breathing Filters

# Intersurgical Pulmo-Protect™ lung function filter

Forced expiratory and inspiratory manoeuvres are used to assess a patient's lung function. This assessment helps diagnose the extent of any disease process in the patient's lung, as a pre and postoperative assessment, during smoking cessation and occupational health programmes.

During these tests patients may generate peak flows as high as 12 L/sec (720 LPM) and expel infective droplets, which could contaminate the pulmonary function test equipment. As a result cross infection between patients is a real risk[1].

Pulmo-Protect combines low resistance with a high bacterial and viral efficiency filter designed specifically to protect the patient and equipment during lung function tests.

## Pulmo-Protect provides:

- Protection of pulmonary function test equipment
- High filtration properties reduces risk of contamination between patients
- Low resistance performance ensures efficacy of results and complies with ATS/ERS recommendations[2]
- Low functional volume
- Microbiological filtration effectiveness has been independently tested and validated to provide >99.999% efficiency against bacteria and viruses[3]
- Flexible, comfortable, disposable mouth piece helps with patient compliance and improve the effectiveness of the test
- Comfortable single patient nose clip prevents patient-to-patient touch contamination
- Device compatible range of colour coded filters available individually or as a complete pulmonary function test kit

Make an enquiry

## Pulmo-Protect options

|  | 1691000 | 1691004 | 1691050 | 1691010 |

| For use with the following test devices | Pulmo-Protect lung function filter | Filter with integrated elliptical mouthpiece | Filter, mouthpiece and nose clip | Filter, flexible mouthpiece and nose clip |
|---|---|---|---|---|
| JAEGER®, MasterScreen, SensorMedics®, Vmax™, Micro Medical®, Chest and Microgard® | 1691000 (Qty 50) ○ | 1691004 (Qty 50) ○<br>1691009* (Qty 30) | 1691050 (Qty 30) ○<br>1691054* (Qty 30) | 1691010 (Qty 30) ○<br>1691013* (Qty 30) |
| Medisoft, BodyBox, HypAir Compact + and SpiroAir | 1691001 (Qty 50) ● | 1691005 (Qty 50) ● | 1691051 (Qty 30) ● | 1691011 (Qty 30) ●<br>1691014* (Qty 30) |
| Fukuda Denshi®, SP-350 and Fudac-77 | 1691002 (Qty 50) ● | 1691006 (Qty 50) ● | 1691052 (Qty 30) ● | 1691012 (Qty 30) ●<br>1691015* (Qty 30) |
| NSpire™ | 1691003 (Qty 50) ● | 1691007 (Qty 50) ●<br>1691017* (Qty 30) | 1691053 (Qty 30) ● | 1691016 (Qty 30) ● |

*These codes include a foam nose clip

Accessories and adaptors available, please see the Intersurgical website for more information.
**www.intersurgical.com/products/airway-management/pulmo-protect-lung-function-filter**

References: 1. Journal of Respiratory Medicine 2005.09.015 An audit into the efficacy of single use bacterial/viral filters for the prevention of equipment contamination during lung function assessment. 2. European Respiratory Journal 2005; 26: 319–338 Standardisation of spirometry M.R. Miller, J. Hankinson, V. Brusasco, F. Burgos, et al. 3. Nelson Labs 1171223-S01/1171222-S01

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The manufacturer Intersurgical Ltd is certified to ISO 14001:2015, ISO 9001:2015, ISO 13485:2016 and MDSAP

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