

DISPOSABLE WITH FILTER

TRANSDUCER

CE0318



Bacterial protection
99.99999 %.



Viral protection
99.9981 %.

Based on the recommendations from the ERS regarding pulmonary function following COVID-19, Sibelmed have developed an innovative solution that integrates transducer and filter into a [single piece](#), reducing by 99.99 % the risk of contagion between the patient and the technician.

Class IIa medical device according to Directive 93/42/EEC

DISPOSABLE TRANSDUCER WITH FILTER

According to the ERS (European Respiratory Society), "the pulmonary function tests should be performed with a disposable bacterial and viral filter. The use of disposable combined mouthpieces/sensors is not recommended, except when an additional filter can be added to the patient circuit without affecting the measurements".

The Lilly disposable transducer with filter is accurate and reliable.
Its new design and controlled manufacturing process means the transducer does not need to be precalibrated.



Protection

For the technician and the patient



Reducing the risk

Of cross-contamination and infection



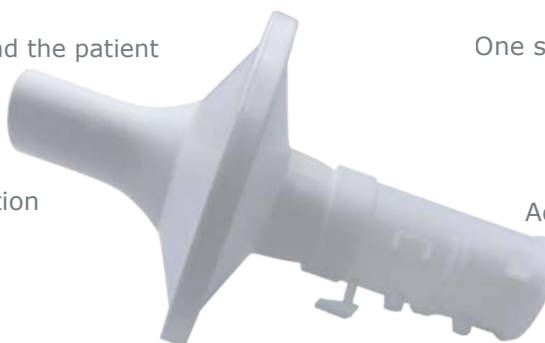
Comfortable

Transducer and filter all in one single piece



More hygienic

Individual packaging



Economical

One single consumable



Use

Adult and pediatric



Time saving

As it is disposable, it does not need to be disinfected



Unique

Market 2 in 1 solution



In contrast with our disposable transducer, reusable transducers, although used with a bacterial/viral filter, need to be subject to a disinfection process, which requires an investment in time and additional replacement transducers.

Technical Specifications

Code 09718

Bacterial filtration efficiency	30 l/min 99,99999%	750 l/min 99,9943%
Viral filtration efficiency	30 l/min 99,9981%	750 l/min 99,7680%
Measurement range (BTPS)		
Flow	0 to ± 16 l/s	
Volume	0 to 10 l	
Dynamic resistance (to 14 l/s)	<1,45 hPa / l/s (1,5 cmH ₂ O / l/s)	
Measurement accuracy* (BPTS)		
Volume	(whichever is greater) 2.5 % or 50 ml	
Flow	5 % or 200 ml/s	
PEF	10 % or 170 ml/s	
Measurements	146.9 x 91.5 mm	
Weight	52 g	

*Accuracy evaluated together with Sibelmed spirometers

Compatible with new spirometers:

DATOSPIR touch

WITH DISPOSABLE TRANSDUCER



DATOSPIR

WITH DISPOSABLE TRANSDUCER



The disposable transducer without filter (03169) can continue to be used as an alternative.

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EN ISO 9001:2015



EN ISO 13485:2016+A11:2021