

**Sibelmed®**

**Disposable transducer  
with integrated filter, for a safer,  
more comfortable and faster spirometry.**

**DISPOSABLE  
WITH FILTER**

**TRANSDUCER**



**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

**www.sibelmed.com**

# 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



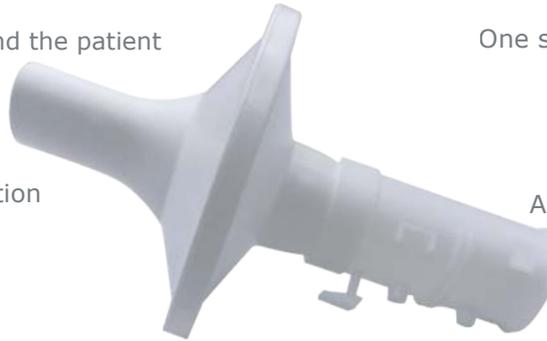
**Reducing the risk**  
Of cross-contamination and infection



**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%
<b>Measurement range (BTPS)</b>		
Flow	0 to ±16 l/s	
Volume	0 to 10 l	
Dynamic resistance (to 14 l/s)	<1,45 hPa / l/s (1,5 cmH2O / l/s)	
<b>Measurement accuracy* (BPTS)</b>	(whichever is greater)	
Volume	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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CE0318 EN ISO 13485:2016+AC:2018 EN ISO 9001:2015

