

# Test Lungs

Used for demonstrating and testing ventilator equipment.

- Latex free
- Foam filled
- Superior quality

## Ordering Information

Description	Part #	Box
Test Lung, Medium 500-750cc	#53-4-0050-50	1
Test Lung, Large 1000cc	#53-4-0050-10	1



## The Test Lung™



Item #FP-20110



## The Precision Resistor Kit™

Item #FP-20118

## Ordering Information

Description	Part #	Packaging
B&B The Test Lung 1 Liter™	#FP-20110	1/Each
B&B The Test Lung 1 Liter™	#FP-20115	10 Each/Box
B&B The Precision Resistor Kit™	#FP-20118	1 Each/Box

## SmartLung™.

The first test lung that makes high-tech affordable



Item #HO-R500P05

### Adjustable resistance and leakage

Different airway resistances can be simulated simply by turning the connector. Leakage can also be adjusted by turning the side screw. No adapter required.

### Adjustable compliance

The slider enables different degrees of lung compliance to be simulated without an adapter.



### Lung bag

can be used in different sizes from 0,5 to 2,0 liters



The problem is well-known: good test lungs take up a lot of space, are expensive and complicated. The result: they are often used incorrectly. Furthermore, cheap test lungs are frequently limited in their test function and regularly report malfunctions although the device being tested is working properly. Help is now available from Switzerland!

### SmartLung™. Small, compact and unique.

Smartlung™ can offer the same performance as large, expensive test lungs. But unlike the latter, SmartLung™ is extremely simple to use and so compact that it can be connected directly to the ventilator tubing system. With SmartLung™, you don't need the cumbersome side-tables required by the large test lungs. SmartLung™ is also unbeatable in terms of price/performance ratio.

Resistance (airway resistance), lung compliance and leakage can be varied. Different sizes of bag ensure that virtually all patient lungs can be simulated, from babies to adults. Moreover, SmartLung™ does not need any additional adapters. Leak simulation is infinitely adjustable and enables ventilators for premature babies or mask ventilation to be checked. Even the sensitive function of patient flow triggering can be tested with SmartLung™. Combined with the FlowAnalyzer from imtmedical ag, pressure, flow and volume measurements can also be taken with SmartLung™.

### Technical Data

Resistance	5, 20, 50, 200 mbar/l/s
Compliance	13, 17, 23, 30 ml/mbar
Volume	0-600 ml (with 1 l bag)
Leak	0-10 l/min
Weight	275 grams
Dimensions (L x W x H)	310 x 115 x 40 mm

Interchangeable components  
Sterilizable

### SmartLung™

Smartlung™, the cleverest, cheapest and reliable way to check function and precision of ventilators and anesthetic machines.

- simulates infant and adult lungs
- lung parameters of resistance, compliance and leak widely adjustable
- extremely handy and user-friendly
- top performance and quality at a low price

Please contact us directly for further information. We will be glad to advise you.