

ACCU LUNG

Portable Precision Test Lung



The accessory every ventilator tester craves.

The ACCU LUNG Precision Test Lung is a lung simulator that presents a specific load comprised of a user-selectable compliance and resistance for the purpose of evaluating ventilator performance according to clinical expectation and manufacturers' specification. It is a portable unit that can be hung from a cart, the ventilator itself, or can be hand-held, thus presenting a "zero" footprint.

Ordering Information

| Part Number | Description |
|-------------|---|
| 2387318 | ACCU LUNG Portable Precision Test Lung Includes: <ul style="list-style-type: none"> • Operating Instructions • Soft-sided carrying case |
| 2397628 | Soft-Sided Carrying Case |

Specifications

Environmental Parameters

Operating Temperature: 10 to 40 °C

Storage Temperature: 0 to 50 °C

Performance Characteristics

Static Compliance

C50 0.5 l/kPa +/- 20% at 500 ml tidal volume

C20 0.2 l/kPa +/- 20% at 500 ml tidal volume

C10 0.1 l/kPa +/- 20% at 300 ml tidal volume

Resistance

Parabolic (orifice) resistor pressure drops selected from ASTM F1100 (K values), for inspiratory flows at 2, 1, and 0.5 l/s, respectively.

Rp5 K 2.70 +/- 20% (equivalent orifice size = 8.48 mm)
pressure drop 10.80 cmH2O at 2 l/s

Rp20 K 17.61 +/- 20% (equivalent orifice size = 5.31 mm)
pressure drop 17.61 cmH2O at 1 l/s

Rp50 K 108.70 +/- 20% (equivalent orifice size = 3.37 mm)
pressure drop 27.20 cmH2O at 0.5 l/s

Physical Characteristics

Dimensions: 11" L x 8.5" W x 4" H

(27.9 cm L x 21.6 cm W x 10.2 cm H)

Weight: 4 lb (1.8 kg)

Ventilator Circuit Connection: ISO 22 mm female

Warranty Specifications

15-month extended warranty on all parts and labor with the following limitations:

- All rubber parts (including bellows made from Hypalon®) are warranted to be free from defects at the time of delivery
- Springs are considered limited lifecycle parts and are expected to survive 1×10^6 cycles

Fluke Biomedical.

Better products. More choices. One company.

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