

Compliance Data Certification

Compliance as measured by the following procedure:

ASL 5000 Breathing Simulator delivering 500mL*
(resp. 300mL for C₁₀) in “volume pump” mode.

Pressure reading** taken as plateau pressure, averaged over 5 breaths.

Test	Eff. Volume [mL]	Plateau Pressure [cmH2O]	P target [cmH2O]	C eff. [mL/cmH2O]	± 10% OK
C50	500		10.0		
C20	485		24.3		
C10	300		30.0		

Calibration due 1 year from:

By _____
INGMAR MEDICAL, LTD.

*geometrical volume, corrected for gas compressibility

Resistance Data Certification

Resistance as measured by the following procedure:

ASL 5000 Breathing Simulator delivering flow* of 2.0 [L/s] for Rp5
(1.0 L/s for Rp20; 0.5L/s for Rp50).

Pressure reading** as peak pressure (maximum during inspiratory flow) through the orifice port and elbow connector (before assembly), averaged over 5 breaths.

Test	Eff. Flow [L/s]	Pressure [cmH2O]	K- value target	R eff. [cmH2O/L/s]	± 20% OK
Rp5	2		2.70		
Rp20	1		17.61		
Rp50	0.5		108.70		

Calibration due 1 year from:

By _____
INGMAR MEDICAL, LTD

*“flow pump” mode, flows based on geometrical volume change

**ASL 5000 calibrated with:

NIST-traceable pressure calibrator
± 0.03% FS accuracy
Mensor DPG2400 S/N 650914

Calibration Certificate

QuickLung®

Serial Number _____

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WARNING !

Intended Use

The QUICKLUNG® test lung may be used for ventilator performance verification. This user has to bear in mind, however, that the design of modern ventilators is complex and these devices incorporate a great variety of features and performance parameters.

It is therefore mandatory to always follow ventilator manufacturers' instructions and recommendations regarding performance verification procedures. IngMar Medical, Ltd. does not recommend any specific ventilator test or calibration procedures.

The purpose of the lung simulator within the context of ventilator performance verification is solely to assist in implementing test procedures mandated or recommended by the ventilator manufacturer.