

Patient Spirometry Accessories

For measuring the respiratory gases and lung mechanics at the patient's airway

Patient Spirometry™ from GE Healthcare can be measured in many applications

- Whenever your patient is connected to a ventilator
- Whichever ventilator or anesthesia machine you use
- Whether your patient is a newborn or an adult

Unique D-lite™ flow sensor allows the simultaneous measurement of airway gases, lung mechanics and metabolism.

All parameters are measured through a single lightweight flow sensor and gas sampler, specially developed for GE Healthcare Patient Spirometry™. The D-lite incorporates three ports – one for sidestream gas analysis and two for pressure sensing.¹ When the D-lite is placed close to the patient's airway, it provides continuous and accurate information on changes in the patient's ventilatory status.

Providing reliable readings, D-lite flow sensors, spirometry tubes and gas sampling lines come in a wide range to meet the requirements of different application areas.

- Lightweight sensors can be used anywhere Datex-Ohmeda gas monitoring technology is applied (anesthesia delivery and ICU ventilation)
- Pedi-lite™ flow sensor enables measurements for small children
- D-lite+ and Pedi-lite+ are available for humid conditions (e.g. with active humidification)
- Spirometry tubes are available in different lengths
- Pre-connected kits for the ICU and OR make set-up quicker



1 Meriläinen P, Hänninen H, Tuomaala L: A novel sensor for routine continuous spirometry of intubated patients J. Clin Monit 1993; 9:374-380

D-lite flow sensors					
Sensor	D-lite Reusable	Pedi-lite Reusable	D-lite+ Disposable	D-lite Disposable	Pedi-lite+ Disposable
Application	Adults	Pediatric	Adults – humid conditions	Adults	Pediatric – humid conditions
HME recommended	Yes	Yes	No	Yes	No
Measurement range (Tidal volume)	150-2000 ml	15-300 ml	150-2000 ml	150-2000 ml	15-300 ml
Accuracy	±6% or 30 ml	±6% or 4 ml	±6% or 30 ml	±6% or 30 ml	±6% or 4 ml
Dead space	9.5 ml	2.5 ml	9.5 ml	9.5 ml	2.5 ml
Resistance	0.5 cm H ₂ O/ 30 l/min	1 cm H ₂ O/ 15 l/min	0.5 cm H ₂ O/ 30 l/min	0.5 cm H ₂ O/ 30 l/min	1 cm H ₂ O/ 15 l/min
Material	Polyphenylsulfone	Polyphenylsulfone	Polystyrene	Polystyrene	Polystyrene
Color	Transparent yellow	Transparent yellow	Transparent	Yellow	Transparent
REF	733910	73393	896952	733950	8001948

Spirometry tubes, single use	
REF	Length
890031	2 m/7 ft
884101	3 m/10 ft
891191	6 m/20 ft

Spirometry kits, single use	
REF	Application
894255	Critical Care
889560	Anesthesia
8002718	Pediatric, for humid conditions, (2 M/7 ft)
8004381	For humid conditions, (2 M/7 ft)
8004382	For humid conditions, (3 M/10 ft)
M1032634	Pediatric, for humid conditions, (3 M/10 ft)

Note: If you use the module used for measuring metabolism, use the 2 m spirometry tube and gas sampling line.

	1. Cleaning		2. Disinfection		3. Sterilization max. temp. 132°C	
	Machine wash	Wipe with ordinary detergent	Machine wash	Immerse in disinfectant	Steam autoclave	Ethylene oxide mixture
D-lite flow sensor	X	O	X	O	O	O
Pedi-lite flow sensor	X	O	X	O	O	O

X recommended O if necessary

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Instructions For Use

For detailed information on the use of this product, always refer to the User Guide accompanying the device.



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