



Passive flow-differential pressure-converter

Measurement of breathing gas flow

Manufactured according to EN ISO 9001 : 2000 and EN ISO 13485 : 2003

SpiroQuant H flow sensor

SpiroQuant H – Differential pressure flow converter

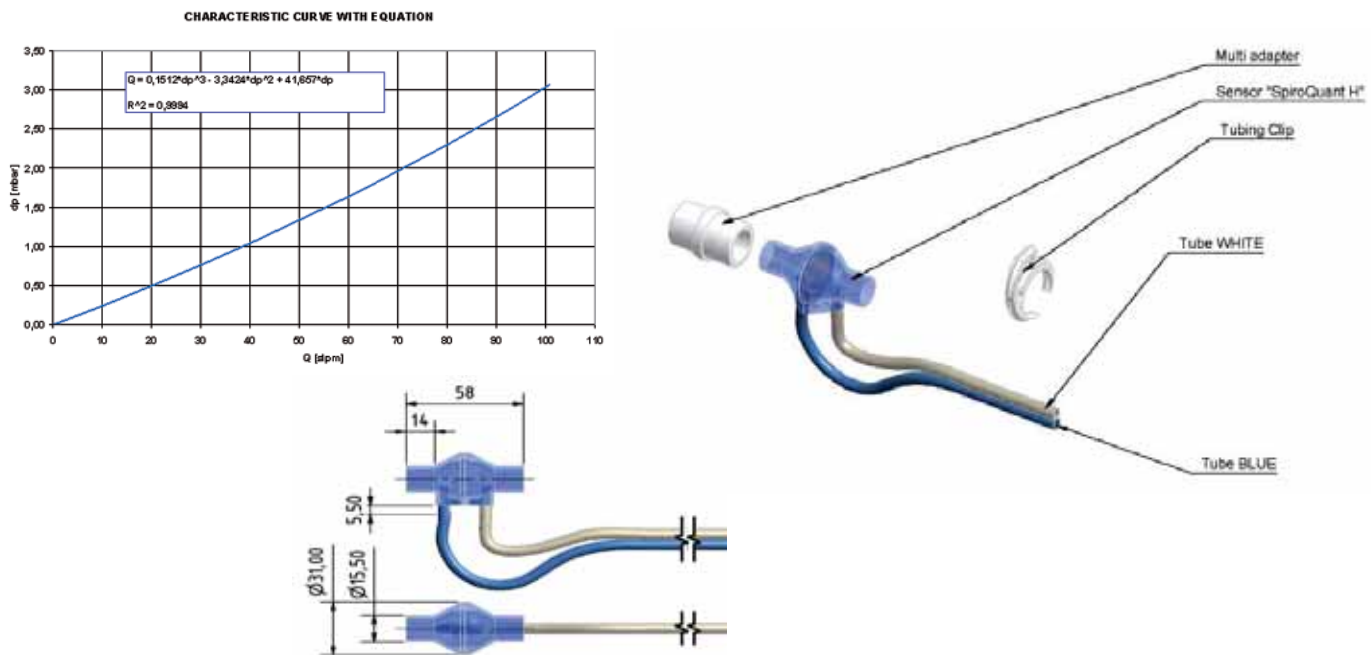
Description

The SpiroQuant H flow sensor is a passive flow- differential pressure- converter for measuring of breathing gas flow, in connection with the appropriate measuring unit (differential pressure gauge).

The sensor is designed as disposable sensor for single patient use.

The customary packing of sensors is in a paper box with 6 sensors per box including 6 multi adapters and tubing clips.

The sensor is non-sterile packed in plastic bags, but can be sterilized with gamma radiation or ETO before use.



Technical data

Measurement Range	0 to 100 slpm (standard liters per minute)	
Accuracy	± 15 % over measuring range	
Statistics	20 slpm respiration flow equals 0.49 mbar differential pressure	
Influence of Mechanical Shock	No influence after a fall from 1 m	
Operating Temperature	0 to 50 °C	
Operating Humidity	0 to 99 % RH non-condensing	
Storage conditions	-20 to +70 °C / max. 85 % RH / 5 years maximum storage time	
Pressure Drop	approximately 1.0 mbar equals 60 slpm	
Dead Space	11 cm ³ (without tubes)	
Weight	approximately 50 grams incl. tube	
Material	Housing parts	(MABS)
	Inner part	(PET)
	Tube	(PVC - medical grade)

Order Information

	Part number
SpiroQuant H (6 pack incl. clip and adapter)	07-00-0001
Tubing clip	07-000027
Multi adapter	07-000025

EnviteC-Wismar GmbH
a Honeywell Company
 Alter Holzhafen 18, 23966 Wismar, Germany
 Phone: +49 (0) 3841 / 360-1
 Phone: +49 (0) 3841 / 360-200 Sales
 Fax: +49 (0) 3841 / 360-222

Internet: www.envitec.com

E-mail: info@envitec.com

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