



2024-08-31

689568/03

Hamilton Medical offers the following flow sensors for use with HAMILTON medical ventilators:

Part number	Patient, Use, Size, (No. per box)	Page
155500	Neo, single use, 188 cm, (10/box)	2
260177	Neo, single use, 160 cm, (10/box)	2
260179	Neo, single use, 310 cm, (10/box)	2
281637	Adult/ped, single use, 188 cm, (10/box)	4
282049	Adult/ped, single use, 260 cm, (10/box)	4
282051	Adult/ped, single use, 330 cm, (10/box)	4
950185	Adult/ped, autoclavable, 188 cm, (1/box)	6



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**Flow sensor, proximal**

For Hamilton Medical ventilators

PN 155500 188 cm – 10/box

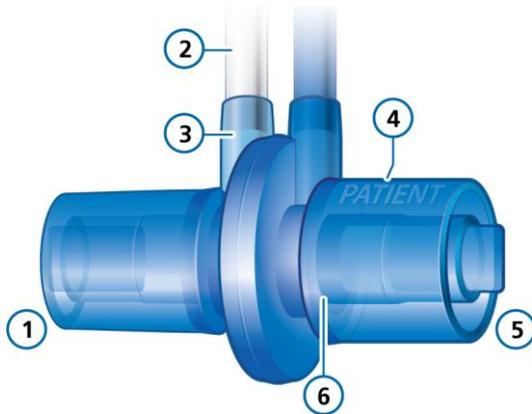
PN 260177 160 cm – 10/box

PN 260179 310 cm – 10/box



**CE0197**

**Overview**



No.	Part	Diameter (ID/OD [mm]) / Description	Material
1	Connector	OD15, ventilator side	PMMA
2	Tubing	-	PVC
3	Connectors for tubing	Differential pressure measurement	PMMA
4	Direction index	The word 'Patient' and two arrows showing the direction towards said patient	-
5	Connector	ID15, patient side	PMMA
6	Flap	-	PET



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**Details (PNs 155500 / 260177 / 260179)**

Specification	Details
Flow	0 to 30 l/min
Dead space	1.3 ml (functional)
Resistance	< 5.1 cmH <sub>2</sub> O/(l/min) over the complete flow range (-30 l/min to 30 l/min)
Weight	Approx. 9 g without tubes, 54 g with 160 cm tubes, 62 g with 188 cm tubes, 96 g with 310 cm tubes
Material	Does <i>not</i> contain natural rubber latex, DEHP, or BPA.
Accuracy	For calibrated flow sensor volume-related parameters: HAMILTON-C1/T1/MR1/C2/C3/C6 ventilators: ± 10% or ± 2 ml (whichever is greater) HAMILTON-G5/S1 ventilators: ± 10% or ± 2 ml (whichever is greater)
Temperature	Operating: -15°C to 40°C (5°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Operating time	28 days or depending on hospital infection control protocols, patient secretions, and nebulization of medication
Accessory	Tube clip, calibration adapter OD15 / OD15



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**Flow sensor, proximal**

For Hamilton Medical ventilators

PN 281637 188 cm – 10/box

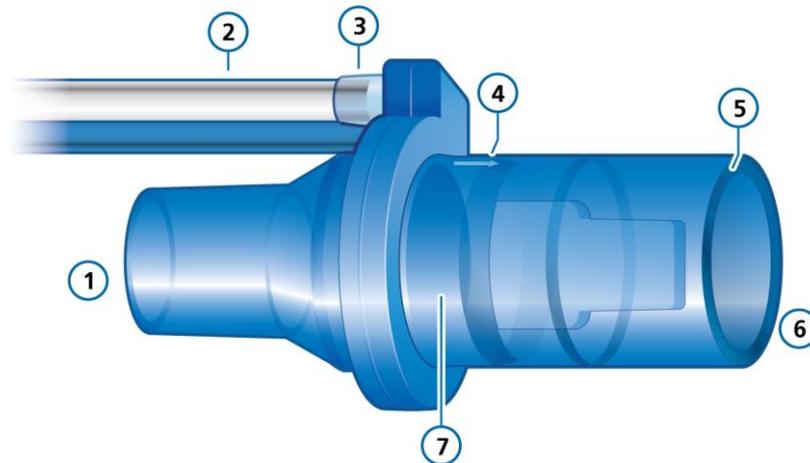
PN 282049 260 cm – 10/box

PN 282051 330 cm – 10/box



**CE 0197**

**Overview**



No.	Part	Diameter (ID/OD [mm]) / Description	Material
1	Connector	OD15, ventilator side	PSU
2	Tubing	-	PVC
3	Connectors for tubing	Differential pressure measurement	PSU
4	Direction index	The word 'Patient' and two arrows showing the direction towards said patient	-
5	Individual serial number	Flow sensor serial number	-
6	Connector	ID15/OD22, patient side	PSU
7	Flap	-	PET



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**Details (PNs 281637 / 282049 / 282051)**

Specification	Details
Flow range	0 to 180 l/min (short term 260 l/min)
Dead space	< 11 ml (functional)
Resistance	< 0.03 cmH <sub>2</sub> O/(l/min) over the complete flow range (-180 l/min to 180 l/min)
Weight	Approx. 14 g without tubes, 68 g with 188 cm tubes, 89 g with 260 cm tubes, 110 g with 330 cm tubes
Material	Does <i>not</i> contain natural rubber latex, DEHP, or BPA.
Accuracy	For calibrated flow sensor volume-related parameters: HAMILTON-C1/T1/MR1/C2/C3/C6 ventilators: ± 10% or ± 10 ml (whichever is greater) HAMILTON-G5/S1 ventilators: ± 20% or ± 20 ml (whichever is greater)
Temperature	Operating: -20°C to 50°C (-4°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)
Operating time	28 days or depending on hospital infection control protocols, patient secretions, and nebulization of medication
Accessory	Tube clip, calibration adapter ID22 / OD15
Identification	Individual serial number



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**Flow sensor, proximal**

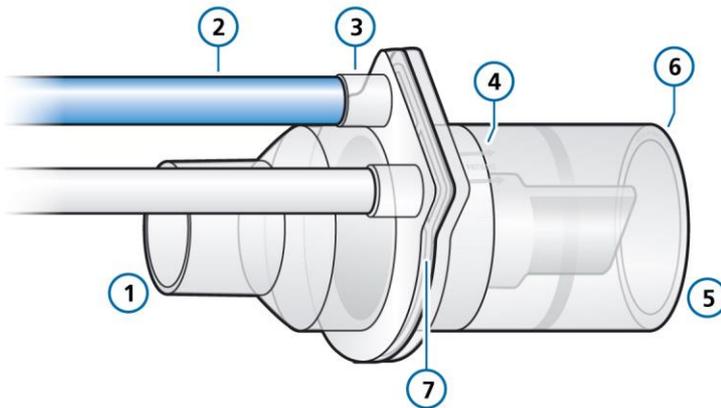
For Hamilton Medical ventilators

PN 950185 188 cm – 1/box



**CE0197**

**Overview**



No.	Part	Diameter (ID/OD [mm]) / Description	Material
1	Connector	OD15, ventilator side	PSU (nature)
2	Tubing	-	Silicone
3	Connectors for tubing	Differential pressure measurement	PSU (nature)
4	Direction index	The word ' <i>Patient</i> ' and two arrows showing the direction towards said patient	-
5	Connector	ID15/OD22, patient side	PSU (nature)
6	Individual serial number	Flow sensor serial number	-
7	Flap	-	Steel 1.4310



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**Details (PN 950185)**

Specification	Details
Flow	0 to 180 l/min
Dead space	< 11 ml (functional)
Resistance	< 0.03 cmH <sub>2</sub> O/(l/min) over the complete flow range (-180 l/min to 180 l/min)
Weight	Approx. 15 g without tubing, 72 g with 188 cm tubing
Material	Does <i>not</i> contain natural rubber latex, DEHP, or BPA.
Accuracy	For calibrated flow sensor volume-related parameters: HAMILTON-C1/T1/MR1/C2/C3/C6 ventilators: ± 10% or ± 10 ml (whichever is greater) HAMILTON-G5/S1 ventilators: ± 20% or ± 20 ml (whichever is greater)
Temperature	Operating: -20°C to 50°C (-4°F to 122°F) Storage: -20°C to 70°C (-4°F to 158°F)
Operating time	Depends on hospital infection control protocols, patient secretions, and nebulization of medication
Accessory	Calibration connector, autoclavable, ID22 / OD15
Identification	Individual serial number