

Adult/pediatric flow sensor, single use
Flow-Sensor für Erwachsene/Pädiatrie, für den Einmalgebrauch
Capteur de débit adulte/enfant, usage unique
[REF] 281637, 282049, 282092, 282051

Instructions for use
Gebrauchsanweisung
Instructions d'utilisation

PN 624269/12 | 2021-10-15

	Follow the Instructions for use Gebrauchsanweisung beachten Respecter les instructions d'utilisation		
CE0197	Conformity with Medical Device Regulation (EU) 2017/745 Entspricht den Anforderungen der Medizinprodukteverordnung (EU) 2017/745 Conformité à la réglementation relative aux dispositifs médicaux (UE) 2017/745		
	Applicable to adult/pediatric patient groups Für die Patientengruppen „Erwachsene/Pädiatrie“ Applicable aux groupes de patients adulte/enfant		
	Do not reuse Nicht wiederverwenden Ne pas réutiliser		MR safe MR-sicher MR Safe
QTY	Quantity Menge Quantité		Medical device Medizinprodukt Dispositif médical
	Do not use if package is damaged Bei beschädigter Verpackung nicht verwenden Ne pas utiliser si l'emballage est endommagé		

For devices manufactured in Switzerland
Manufacturer/Hersteller/Fabricant
Hamilton Medical AG
Via Crusch 8, 7402 Bonaduz
☎ (+41) 58 610 00 20
email: info@hamilton-medical.ch
www.hamilton-medical.com

For devices manufactured and sold in the USA
Printed in the USA

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▲ WARNING

- Hamilton Medical single-use products may release material particles, micro-biological substances, and biomolecular structures if they are reprocessed, and may endanger patients. The product properties are affected by both physical and chemical processes. A mechanical change to the material properties can lead to the release of an increased number of particles and changes to the surface structure that can cause cracks. Furthermore, a changed surface structure can lead to an aggregation of germs, spores, allergens, endotoxins, and pyrogens.
- Hamilton Medical does not assume any warranty for the proper function of single-use items if they are reprocessed and reused by the user. Any liability on the part of Hamilton Medical for any damages resulting from the use of reprocessed or reused single-use parts, or use of any non-Hamilton Medical accessories and consumables, is excluded.

▲ CAUTION

(USA only): Federal law restricts this device to sale by or on the order of a physician.

NOTICE

- Replace the flow sensor in accordance with hospital infection control procedures, or depending on the patient's secretions and nebulization of medication, if required.
- Follow internal hospital infection control procedures.
- Visually inspect the flow sensor body, tubing, and internal flap. Discard the flow sensor if there is any sign of damage.
- Calibrate the flow sensor prior to patient use. If calibration fails, it may be repeated once. The flow sensor must be discarded if calibration fails the second time.

Intended use

The Hamilton Medical flow sensor is a device to measure patient air flow with Hamilton Medical ventilators.

Ventilator connection

Connect the blue and clear flow sensor tubes to the same-colored flow sensor connectors on the ventilator. Blue to blue, clear to white/silver.

Patient connection

Insert the flow sensor between the Y-piece of the patient circuit and the patient connection. The end of the flow sensor marked *Patient* faces the patient. Use a short section of flexible tubing between the flow sensor and the patient connection.

Tubing clip

The clip is designed to secure the flow sensor's sensing tubes to the breathing circuit. Always leave a loop of tubing from the clip to the flow sensor to accommodate the full range of patient movement.

Calibration

The flow sensor must be calibrated prior to patient use. To calibrate, follow the instructions in the appropriate ventilator *Operator's Manual*.

Cleaning and disinfection

The flow sensor is delivered clean and ready for clinical use.

Disposal

Used flow sensors must be handled as contaminated. Follow all local, state, and federal regulations with respect to waste management and environmental protection when disposing of used parts.

Environmental requirements and storage conditions

Operating: -20°C to 50°C (-4°F to 122°F), relative humidity 5% to 95%, noncondensing.

Storage: -20°C to 60°C (-4°F to 140°F).

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