

# DEBSON TM2

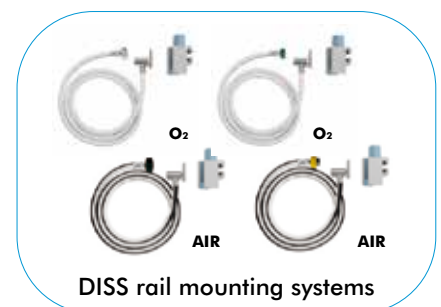
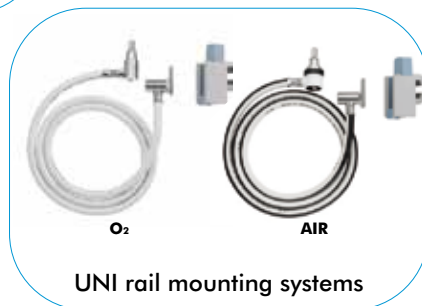
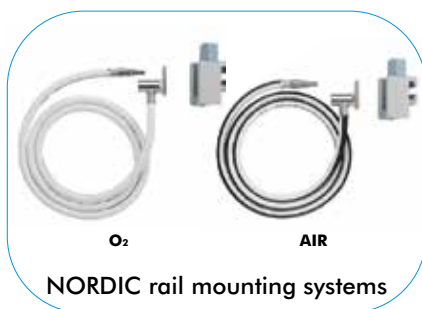
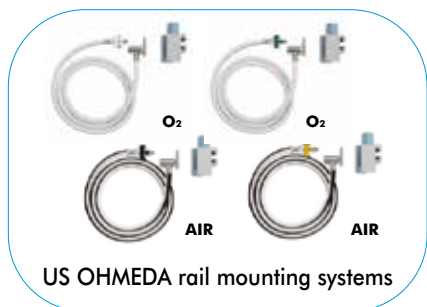
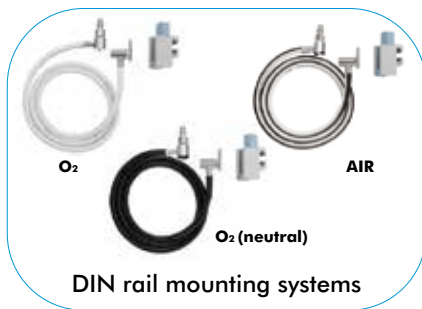


OXYGEN-THERAPY  
FLOWMETERS WITH  
PRE-ADJUSTED FLOWRATES



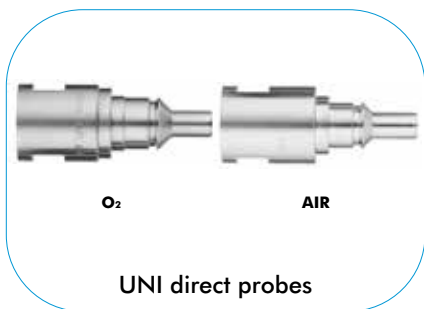
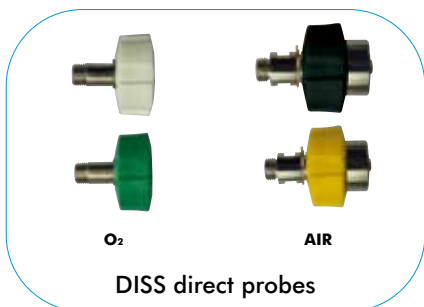
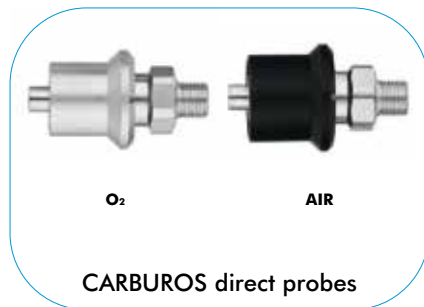
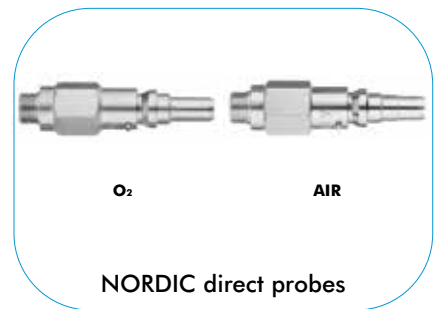
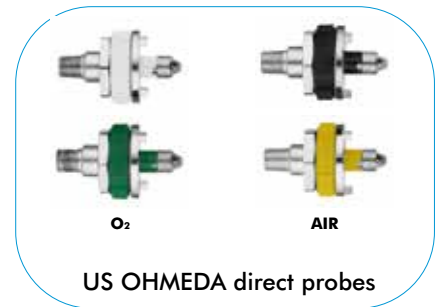
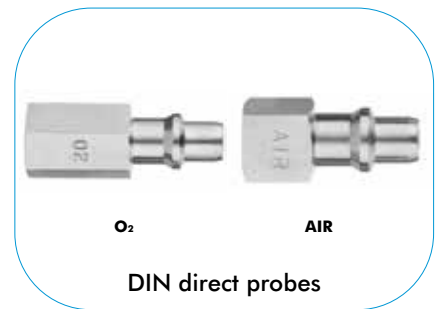
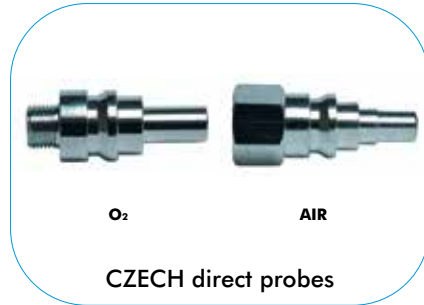
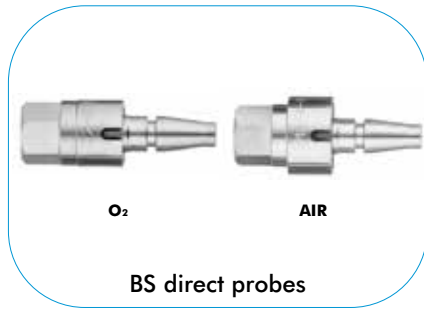
TECHNOLOGIE  
MEDICALE

# RAIL MOUNTING SYSTEMS



Others standards available upon request.

# DIRECT PROBES



Others standards available upon request.

# DEBSON TM2

The DEBSON TM2 flowmeter is used to set the flow of a gas that is to be delivered to patients through the respiratory tract. It is a flowmeter with pre-adjusted flowrates which basic principle lies in the variation of the flow-holes' diameter. The DEBSON TM2 should be connected to a source of pressured gas on the wall either using a direct probe or a rail mounting system. It must be fitted at its outlet either with a humidifier/nebulizer or with an outlet tubing nipple.

## Main technical features:

Medical device of class IIa.

In compliance with the EN ISO 15002 standard.

Inlet pressure: 4.5 bar +/- 0.5 bar

- Flowmeter with pre-adjusted flowrates: accurate and stable flowrates.
- It can be used in any orientation for a perfect adaptation to the medical needs especially for emergency.
- Flow control knob with ratchet mechanism avoiding accidental flowrate change and preventing from standing between 2 flowrates.
- Gas flow between two positions.
- 9 different flowrates available for each version.
- Control knob with large wings facilitating the grip and including a twin display of the selected flowrate (front & top).
- Control knob with a wide transparent window to be able to read the selected flowrate as well as the previous and the next ones.
- Standard product delivered with a Stop system preventing the medical staff from switching from 0 to maximum flow and conversely. Model without Stop system available upon request.
- Double filtration: filters at the inlet and at the outlet for optimal safety of both the patient and the device.
- Metal parts made of nickel-plated brass.
- Normative information (gas name, CE marking, signs related to the use of the device) are mentioned on a self-adhesive ring for a better reading and an immediate identification of a TM device.
- A unit serial number is engraved on the body of each DEBSON TM2 ensuring its identification and traceability. 8 digits number indicating the manufacturing year and month as well as the unit serial number of the device.

## Many versions available:

- Available gases: OXYGEN – MEDICAL AIR.
- Available flowrates:  
01 l/min – 05 l/min – 15 l/min – 25 l/min – 50 l/min.
- Inlets: 12x100 F – 1/4G M – 1/8NPT F – 3/8" BSP F.
- Outlets: 12x125 M – 9/16" M – 1/2" BS F – 1/4G M.
- Available configurations: Single and Twin.

- Available with or without Flush system (for 15 l/min only).
- Available with or without Stop system.
- Available connections to the wall outlet: Direct probe or Rail mounting system.
- Standards: AFNOR (French Standard) – BS (British Standard) DIN (German Standard) – US OHMEDA DIAMOND (American Standard) – NORDIC (Scandinavian Standard) UNI (Italian Standard) – DISS (American Standard).
- Weight (without direct probe): 250 g.
- Dimensions (without direct probe):  
Height 58 mm x width 60 mm x depth 71 mm.

## Use, cleaning and maintenance:

- Once the device is connected to the wall outlet then just turn the front knob gradually counterclockwise and select any of the 9 available flowrates till its ratchet mechanism.
- Disconnect the device from the gas supply. Clean the outside of the device with a clean, slightly damp cloth. Leave the device to dry. If using disinfectants, check their compatibility with the plastic (see technical sheet).
- Do not immerse the device.
- Do not use surface disinfectants.
- Preventive maintenance at 10 years.

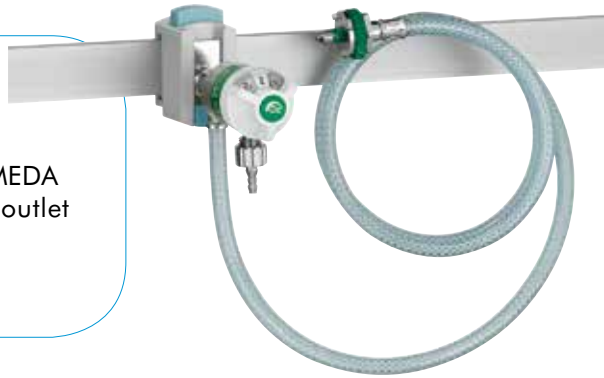
## Accessories:

- Tubing nipple (1 part) or tubing nipple (2 parts) ①
- Switch or Flow-Switch ②
- Humidifier: CCO model (250 ml) or TMS model (500 ml) ③



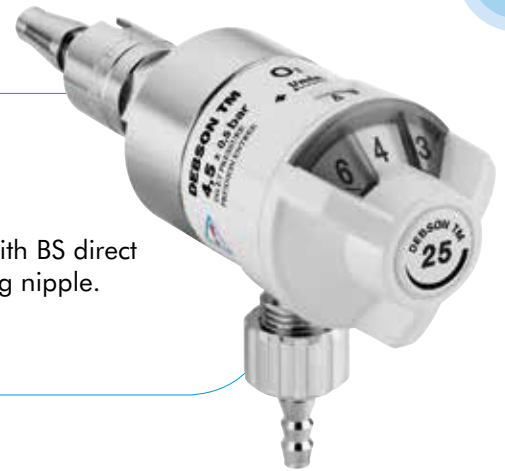
**D01-E**

DEBSON TM2 O<sub>2</sub> 15 l/min with OHMEDA rail mounting system and 9/16" outlet tubing nipple.



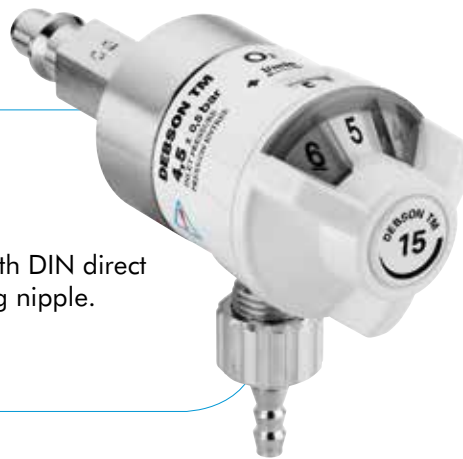
**D02-E**

DEBSON TM2 O<sub>2</sub> 25 l/min with BS direct probe and 9/16" outlet tubing nipple.



**D03-E**

DEBSON TM2 O<sub>2</sub> 15 l/min with DIN direct probe and 9/16" outlet tubing nipple.



**D04-E**

DEBSON TM2 medical Air 05 l/min with AFNOR direct probe and 12 x 125 outlet tubing nipple.



**D05-E**

Twin DEBSON TM2 O<sub>2</sub> 15-05 l/min with AFNOR direct probe.



**D06-E**

DEBSON TM2 O<sub>2</sub> 01 l/min with NORDIC direct probe and 9/16" outlet tubing nipple.

**D07-E**

DEBSON TM2 O<sub>2</sub> 15 l/min with UNI rail mounting system and 9/16" outlet tubing nipple.





**D08-E**

DEBSON TM2 FLUSH Ø 15L/min with AFNOR direct probe and 12 x 125 outlet tubing nipple.

**DEBSON TM2 FLUSH**

▶ **FLUSH system**

This system enables to instantly deliver a strong gas flow (30 l/min) by simply pressing on the control knob. When stopping the pressure on the control knob the gas flow then gets back to the initially preset flowrate.

- ▶ Colored control knob to visually distinguish it from the other DEBSON TM2 flowmeters.
- ▶ Medical device used for very specific applications within **I**ntensive **C**are **U**nits and wake-up rooms when a brief and immediate strong flow of oxygen is needed.
- ▶ FLUSH system only available upon request (for DEBSON TM2 flowmeters 15 l/min only).

**Flowrates breakdown for all DEBSON TM2**

DEBSON TM2 - 01 l/min	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1
DEBSON TM2 - 05 l/min	0	0.5	0.8	1	1.5	2	2.5	3	4	5
DEBSON TM2 - 15 l/min	0	1	2	3	4	5	6	9	12	15
DEBSON TM2 - 25 l/min	0	0.5	1	2	3	4	6	8	15	25
DEBSON TM2 - 50 l/min	0	5	10	15	20	25	30	35	40	50