



DEBFLO



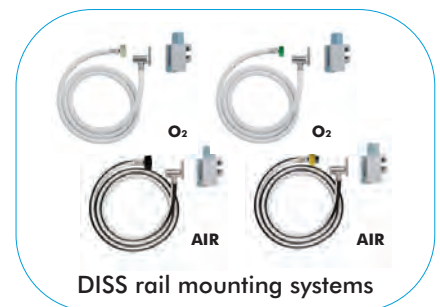
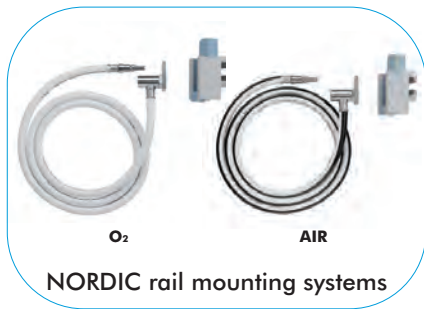
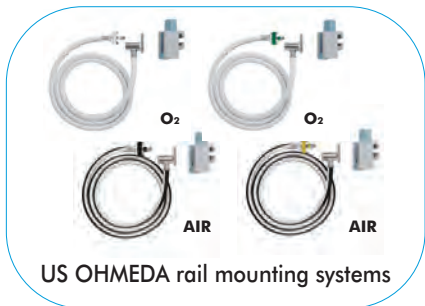
DEBPLUS

OXYGEN-THERAPY
FLOWMETERS WITH
PRE-ADJUSTED FLOWRATES



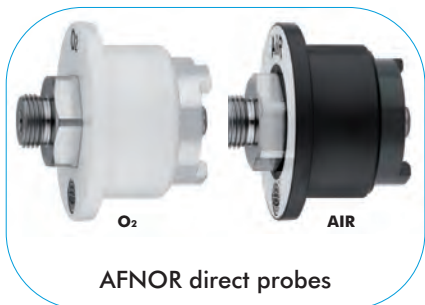
TECHNOLOGIE
MEDICALE

RAIL MOUNTING SYSTEMS

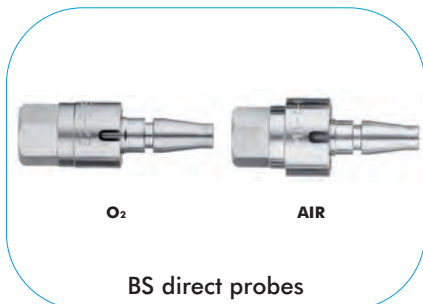


Others standards available upon request.

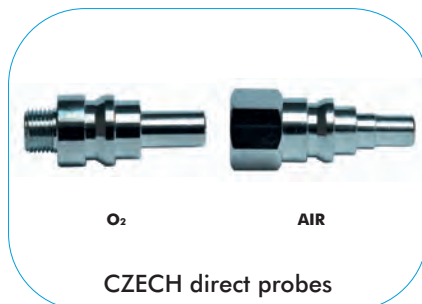
DIRECT PROBES



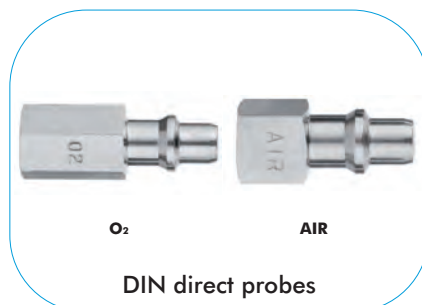
AFNOR direct probes



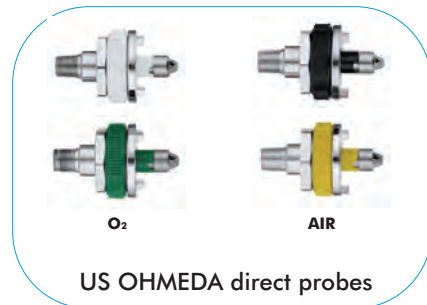
BS direct probes



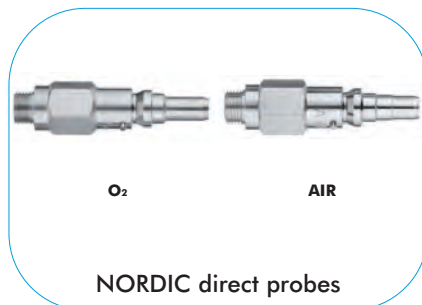
CZECH direct probes



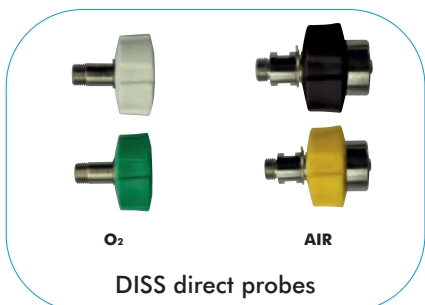
DIN direct probes



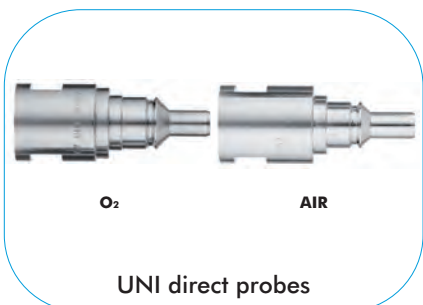
US OHMEDA direct probes



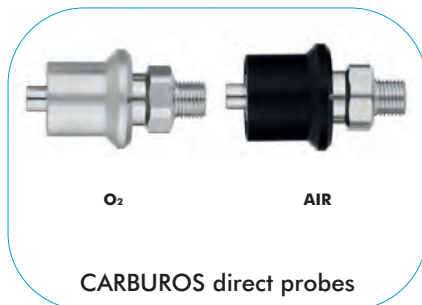
NORDIC direct probes



DISS direct probes



UNI direct probes



CARBUROS direct probes



Others standards available upon request.

DEBFLO - DEBPLUS

DEBFLO and DEBPLUS are flowmeters with pre-adjusted flowrates used to set the flow of a gas that is to be delivered to patients through the respiratory tract. They should be connected to a source of pressured gas on the wall either using a direct probe or a rail mounting system.

DEBFLO



DEBFLO

Model Without Built-In Regulator

- **Grey** body
- Flowrate accuracy in compliance with EN ISO 15002: 2008 standard
- Inlet Pressure: 4.5 bar +/- 0.5
- Weight (without direct probe): 150 g
- Dimensions (without direct probe):
H. 82 mm x W. 66 mm x D. 67 mm

Main common technical features

- Medical devices of class IIa.
- **15 different flowrates** available for each version.
- **Great readability** of all flowrates.
- **Good grip** of the control wheel.

Versions available

- Available gases: OXYGEN – MEDICAL AIR.
- Single or Twin configurations.
- Connection to a wall source of pressured gas on the wall either using a direct probe or a rail mounting system.

Two versions available to satisfy every need!

- 5 l/min (for low flow applications: paediatric, neonatal...).
- 15 l/min.

DEBFLO/DEBPLUS 5 l/min	0.1	0.2	0.3	0.4	0.5
DEBFLO/DEBPLUS 15 l/min	0.5	1	1.5	2	2.5

Use and maintenance

Once the device is connected to the wall outlet, turn the flow control wheel until you reach the requested flowrate.

Accessories

Tubing nipple (1 part)
Tubing nipple (2 parts)

Switch or Flow Switch



- *Dedicated to hospital use*
- *15 available flowrates*
- *Readability of all flowrates*
- *Built-in regulator (DEBPLUS)*

- **Control wheel with ratchet mechanism** to avoid accidental flowrate change.
- **Gas flow between two positions** for better safety.
- Unit serial number engraved on the body of each products.

- Standard : AFNOR (French Standard), DIN (German Standard), BS (British Standard), US OHMEDA (American Standard), DISS (American Standard), UNI (Italian Standard), NORDIC (Scandinavian Standard), CARBUROS (Spanish Standard), CZECH (Czech Standard). Other standards: contact us.

0.6	0.7	0.8	1	1.5	2	2.5	3	4	5
3	3.5	4	5	6	7	8	9	12	15

Use disinfecting products for medical devices.
Let dry before using.
In case of use of disinfecting products, please check their compatibility with plastic.
Do not lay under water.
Device to be serviced every 10 years.

CCO Humidifier (250 ml) TMS Humidifier (500 ml)



DEBPLUS



DEBPLUS Model With Built-in Regulator

- **White** body
- Flowrate accuracy in compliance with EN ISO 10524-4: 2008 standard
- Inlet Pressure: 2.8 to 8 bar
- Outlet Pressure: 1.7 bar +/- 0.1
- Weight (Without direct probe): 150 g
- Dimensions (without direct probe):
H. 82 mm x W. 66 mm x D. 67 mm

*In case of non-stable network,
the built-in regulator stabilizes
the inlet pressure providing a precise flow.*

DEBFLO



DB01
DEBFLO O₂ 5 l/min with BS direct probe
and 9/16" outlet tubing nipple



DB02
DEBFLO medical AIR 5 l/min with DISS direct probe
and 9/16" outlet tubing nipple



DB03
DEBFLO O₂ 15 l/min with DIN direct probe
and 250 ml CCO humidifier

DEBFLO



DB04

DEBFLO O₂ 15 l/min with US OHMEDA direct probe and 9/16" outlet tubing nipple



DB05

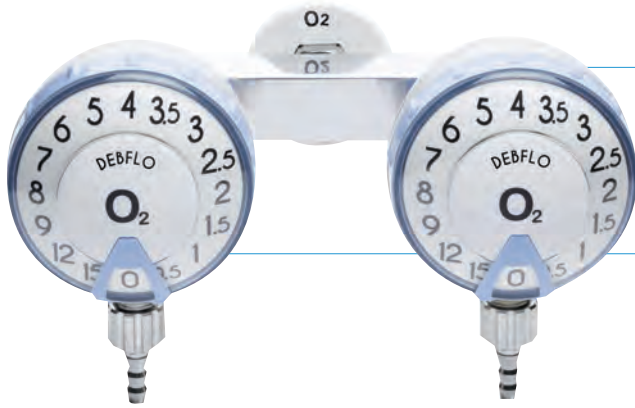
DEBFLO O₂ 5 l/min with NORDIC direct probe and 9/16" outlet tubing nipple



DB06

DEBFLO medical AIR 15 l/min with AFNOR direct probe and 12x125 outlet tubing nipple

DEBFLO



DB07

Twin DEBFLO O₂ 15-15 l/min with AFNOR direct probe and 12x125 outlet tubing nipples

DB08

DEBFLO medical AIR 15 l/min with AFNOR complete rail mounting system and 12x125 outlet tubing nipple



DB09

DEBFLO O₂ 15 l/min with UNI complete rail mounting system and 9/16" outlet tubing nipple



DEBPLUS



DP01

DEBPLUS O₂ 15 l/min with AFNOR direct probe and 250 ml CCO humidifier



DP02

DEBPLUS O₂ 15 l/min with DISS direct probe and 9/16" outlet tubing nipple



DP03

DEBPLUS O₂ 15 l/min with BS direct probe and 9/16" outlet tubing nipple

DEBPLUS



DP04

DEBPLUS medical AIR 15 l/min with US OHMEDA direct probe and 9/16" outlet tubing nipple



DP05

DEBPLUS O₂ 5 l/min with UNI direct probe and 9/16" outlet tubing nipple



DP06

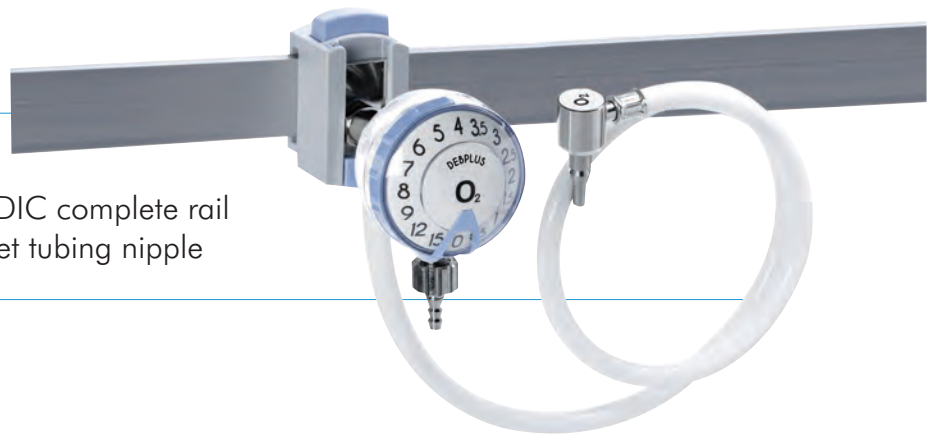
DEBPLUS medical AIR 5 l/min with DIN direct probe and 9/16" outlet tubing nipple

DEBPLUS



DP07

Twin DEBPLUS medical AIR 15-15 l/min with AFNOR direct probe and 12x125 outlet tubing nipples





DP08



DEBPLUS O₂ 15 l/min with NORDIC complete rail mounting system and 9/16" outlet tubing nipple









DP09




DEBPLUS medical AIR 5 l/min with BS complete rail mounting system and 9/16" outlet tubing nipple



AFNOR French Standard		DEBFLO/DEBPLUS FLOWMETERS WITH PRE-ADJUSTED FLOWRATES			
		DEBFLO		DEBPLUS WITH BUILT-IN REGULATOR	
OXYGEN (O ₂)	Flowrates l/min	5	15	5	15
MEDICAL AIR					
Mounted with AFNOR direct probe 	Outlet thread: 12 x 125 M	20614	20620	21026	21032
		20590	20596	21002	21008
	With nipple: 12 x 125	20616	20622	21028	21034
		20592	20598	21004	21010
	Outlet thread: 9/16 M	20626	20632	21038	21044
		20602	20608	21014	21020
	With nipple*: 9/16 M	20628	20634	21040	21046
		20604	20610	21016	21022
Mounted with AFNOR complete rail mounting system (polycarbonate clamp) 	Outlet thread: 12 x 125 M	20617	20623	21029	21035
		20593	20599	21005	21011
	With nipple*: 12 x 125	20619	20625	21031	21037
		20595	20601	21007	21013
	Outlet thread: 9/16 M	20629	20635	21041	21047
		20605	20611	21017	21013
	With nipple*: 9/16 M	20631	20637	21043	21049
		20607	20613	21019	21025



BS British Standard		DEBFLO/DEBPLUS FLOWMETERS WITH PRE-ADJUSTED FLOWRATES			
		DEBFLO		DEBPLUS WITH BUILT-IN REGULATOR	
OXYGEN (O ₂)	Flowrates l/min	5	15	5	15
MEDICAL AIR					
Mounted with BS direct probe 	Outlet thread: 9/16 M	20666	20672	21078	21084
		20646	20652	21058	21064
	With nipple*: 9/16 M	20668	20674	21080	21086
		20648	20654	21060	21066
Mounted with BS complete rail mounting system (polycarbonate clamp) 	Outlet thread: 9/16 M	20669	20675	21081	21087
		20649	20655	21061	21067
	With nipple*: 9/16 M	20671	20677	21083	21089
		20651	20654	21063	21069

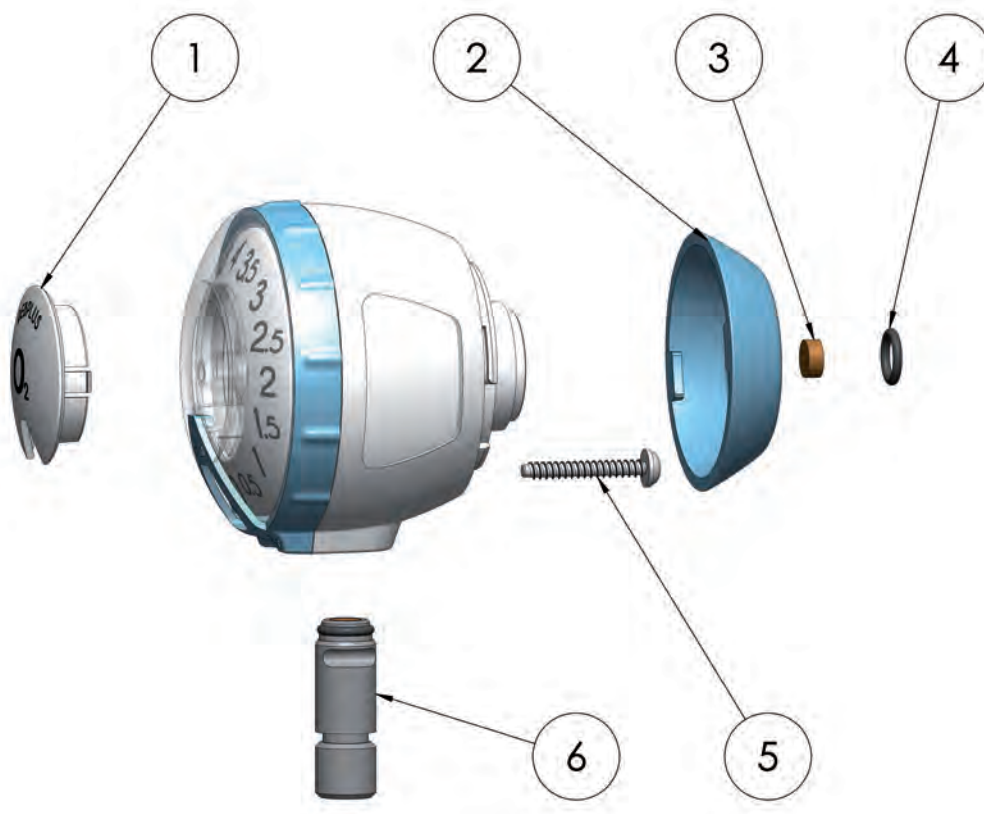
DIN German Standard		DEBFLO/DEBPLUS FLOWMETERS WITH PRE-ADJUSTED FLOWRATES			
		DEBFLO		DEBPLUS WITH BUILT-IN REGULATOR	
OXYGEN (O ₂)	Flowrates l/min	5	15	5	15
MEDICAL AIR					
Mounted with DIN direct probe 	Outlet thread: 9/16 M	20706	20712	21118	21124
		20686	20692	21098	21104
	With nipple*: 9/16 M	20708	20714	21120	21126
		20688	20694	21100	21106
Mounted with DIN complete rail mounting system (polycarbonate clamp)	Outlet thread: 9/16 M	20709	20715	21121	21127
		20689	20695	21101	21107
	With nipple*: 9/16 M	20711	20717	21123	21129
		20691	20697	21103	21109

NORDIC Scandinavian Standard		DEBFLO/DEBPLUS FLOWMETERS WITH PRE-ADJUSTED FLOWRATES			
		DEBFLO		DEBPLUS WITH BUILT-IN REGULATOR	
OXYGEN (O ₂)	Flowrates l/min	5	15	5	15
MEDICAL AIR					
Mounted with NORDIC direct probe 	Outlet thread: 9/16 M	20790	20796	21202	21208
		20778	20784	21190	21196
	With nipple*: 9/16 M	20792	20798	21204	21210
		20780	20786	21192	21198
Mounted with NORDIC complete rail mounting system (polycarbonate clamp)	Outlet thread: 9/16 M	20793	20799	21205	21211
		20781	20787	21193	21199
	With nipple*: 9/16 M	20795	20801	21207	21213
		20783	20789	21195	21201

UNI Italian Standard		DEBFLO/DEBPLUS FLOWMETERS WITH PRE-ADJUSTED FLOWRATES			
		DEBFLO		DEBPLUS WITH BUILT-IN REGULATOR	
OXYGEN (O ₂)	Flowrates l/min	5	15	5	15
MEDICAL AIR					
Mounted with UNI direct probe 	Outlet thread : 1/4 G	20994	20998	21406	21410
		20986	20990	21398	21402
	With nipple* : 1/4 G	X	X	X	X
		X	X	X	X
Mounted with UNI complete rail mounting system (polycarbonate clamp)	Outlet thread : 1/4 G	20996	21000	21408	21412
		20988	20992	21400	21404
	With nipple* : 1/4 G	X	X	X	X
		X	X	X	X

OHMEDA American Standard		DEBFLO/DEBPLUS FLOWMETERS WITH PRE-ADJUSTED FLOWRATES			
		DEBFLO		DEBPLUS WITH BUILT-IN REGULATOR	
OXYGEN (O ₂)	Flowrates l/min	5	15	5	15
MEDICAL AIR					
Mounted with OHMEDA direct probe 	Outlet thread : 9/16 M	20963	20975	21375	21387
		20939	20951	21351	21363
	With nipple* : 9/16 M	20967	20979	21379	21391
		20943	20955	21355	21367
Mounted with OHMEDA complete rail mounting system (polycarbonate clamp) 	Outlet thread : 9/16 M	20969	20981	21381	21393
		20945	20957	21357	21369
	With nipple* : 9/16 M	20973	20985	21385	21397
		20949	20961	21361	21373

DISS American Standard		DEBFLO/DEBPLUS FLOWMETERS WITH PRE-ADJUSTED FLOWRATES			
		DEBFLO		DEBPLUS WITH BUILT-IN REGULATOR	
OXYGEN (O ₂)	Flowrates l/min	5	15	5	15
MEDICAL AIR					
Mounted with DISS direct probe 	Outlet thread : 9/16 M	20742	20754	21154	21166
		20718	20724	21130	21136
	With nipple* : 9/16 M	20746	20758	21158	21170
		20720	20726	21132	21138
Mounted with DISS complete rail mounting system (polycarbonate clamp) 	Outlet thread : 9/16 M	20748	20760	21160	21172
		20721	20727	21133	21139
	With nipple* : 9/16 M	20752	20764	21164	21176
		20723	20729	21135	21141



Reference		Description
1	O ₂	21432 Front disc DEBFLO-white
	AIR	21434 Front disc DEBFLO-black
	O ₂	21436 Front disc DEBPLUS-white
	AIR	21438 Front disc DEBPLUS-black
2	O ₂	21417 Rear shell O ₂ - blue
	AIR	21418 Rear shell AIR - black
3	11029	Inlet filter
4	11684	Wheel O-ring
5	21445	Screw
6	21457	Complete 12x125 outlet
	21458	Complete 9/16" outlet



Also available



Distributed by

**OXYGEN-THERAPY
FLOWMETERS WITH
PRE-ADJUSTED FLOWRATES**



101, rue Vaillant Couturier B.P. 46 F-93136 NOISY-LE-SEC CEDEX France
 Tel: 33 (0)1 48 45 58 95 - Fax: 33 (0)1 49 42 90 21 - 33 (0)1 48 45 29 00 - info@technologiemedicale.com
 www.technologiemedicale.com