

Oxygen/air mixer

The oxygen/air mixer type EasyMIX® is a single device that can be used in oxygen therapy, aerosol therapy and CPAP therapy with the possibility to constantly monitor the oxygen concentration present in the supplied mixture through an on-line oxygen analyzer (optional).

STRUCTURE

The device is composed by two variable area flowmeter groups, one for oxygen with a dual scale 2-10 L/min. and 10-50 L/min. and one for medical air with scale 6-50 L/min, both assembled in a single body made of anodized aluminium equipped with a clamp for rail 30x10 mm with locking knob. The two independent inlet threads NIST EN ISO 5359, made of chrome-plated brass, allows a connection to the supply source through low pressure hose assemblies fitted with probes according to the user's plant and fixed in an unmovable way.

POSSIBLE APPLICATIONS

The 2-in-1 connector for the mixture outlet offers several solutions:

- the thread 9/16" UNF EN 13544-2 M. allows to screw a reusable, single patient or prefilled humidifier;
- a connector with diameter 22 M. ISO DIN 5356-1 allows the connection to a system for the CPAP therapy, through a corrugated hose;
- a metal hose connector Ø 6.0 ÷ 8.5 mm, already supplied with the device, for a direct connection to the patient hose (nose catheter or hose with mask).

A single device able to satisfy different use requirements in the field of the respiratory therapy.



Main **information**



The optional analyser allows to constantly monitor the oxygen concentration present in the supplied mixture.



The **EasyMIX**[®] is a single device able to satisfy different use requirements in the field of the respiratory therapy.

Related products





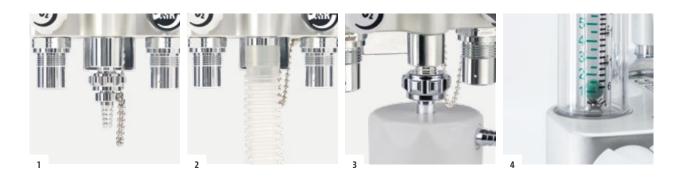
Low pressure hoses p. 161

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SIZES (LxWxH) 110x130x157 mm WEIGHT 1.0 Kg 1.2 Kg with Oxygen Analyzer (optional) SUPPLY MAX PRESSURE 600 kPa (6 bar) GASES OPTIONS 0₂ · Air STANDARD SCALES - 400 kPa (4 bar) 0₂ dual scale 2-10 L/min 10-50 L/min. ACCURACY ±10% read value or ±0.5 L/min. if greater SUPPLY CONNECTIONS independent NIST EN ISO 5359 MIXED GASES OUTLET CONNECTION 9/16″ UNF EN 13544-2 M Ø 22 M. ISO DIN 5356-1 + an incorporated metal outlet hose connector Ø 6.0 ÷ 8.5 mm		
1.2 Kg with Oxygen Analyzer (optional) SUPPLY MAX PRESSURE 600 kPa (6 bar) GASES OPTIONS O ₂ · Air STANDARD SCALES - 400 kPa (4 bar) O ₂ dual scale 2-10 L/min 10-50 L/min. ACCURACY ±10% read value or ±0.5 L/min. if greater SUPPLY CONNECTIONS independent NIST EN ISO 5359 9/16" UNF EN 13544-2 M Ø 22 M. ISO DIN 5356-1	SIZES (LxWxH)	110x130x157 mm
GASES OPTIONS O ₂ · Air O ₂ dual scale 2-10 L/min 10-50 L/min. Air 6-50 L/min. ACCURACY ±10% read value or ±0.5 L/min. if greater independent NIST EN ISO 5359 9/16" UNF EN 13544-2 M Ø 22 M. ISO DIN 5356-1	WEIGHT	
STANDARD SCALES - 400 kPa (4 bar) ACCURACY ±10% read value or ±0.5 L/min. if greater SUPPLY CONNECTIONS MIXED CASES QUILLET CONNECTION 9/16" UNF EN 13544-2 M Ø 22 M. ISO DIN 5356-1	SUPPLY MAX PRESSURE	600 kPa (6 bar)
Air 6-50 L/min. ACCURACY ±10% read value or ±0.5 L/min. if greater SUPPLY CONNECTIONS independent NIST EN ISO 5359 9/16" UNF EN 13544-2 M Ø 22 M. ISO DIN 5356-1	GASES OPTIONS	$O_2 \cdot Air$
SUPPLY CONNECTIONS independent NIST EN ISO 5359 9/16" UNF EN 13544-2 M Ø 22 M. ISO DIN 5356-1	STANDARD SCALES - 400 kPa (4 bar)	
MIXED CASES OUTLET CONNECTION 9/16" UNF EN 13544-2 M Ø 22 M. ISO DIN 5356-1	ACCURACY	±10% read value or ±0.5 L/min. if greater
	SUPPLY CONNECTIONS	independent NIST EN ISO 5359
	MIXED GASES OUTLET CONNECTION	

- Detail of outlet with hose connector (supplied with the device).
- 2 Detail of outlet with corrugated hose.
- 3 Detail of EasyMIX® with humidifier.
- 4 Detail of dual scale for oxygen.





Technical specifications | Oxygen analyzer

SENSOR TYPE	electrochemical
RANGE OF MEASURAMENT	0÷99% Vol. oxygen
DISPLAY INDICATION	1% Vol.
MEASUREMENT TIME	1 sec.
RESPONSE TIME	< 5 sec.
ACCURACY	±3% read value

