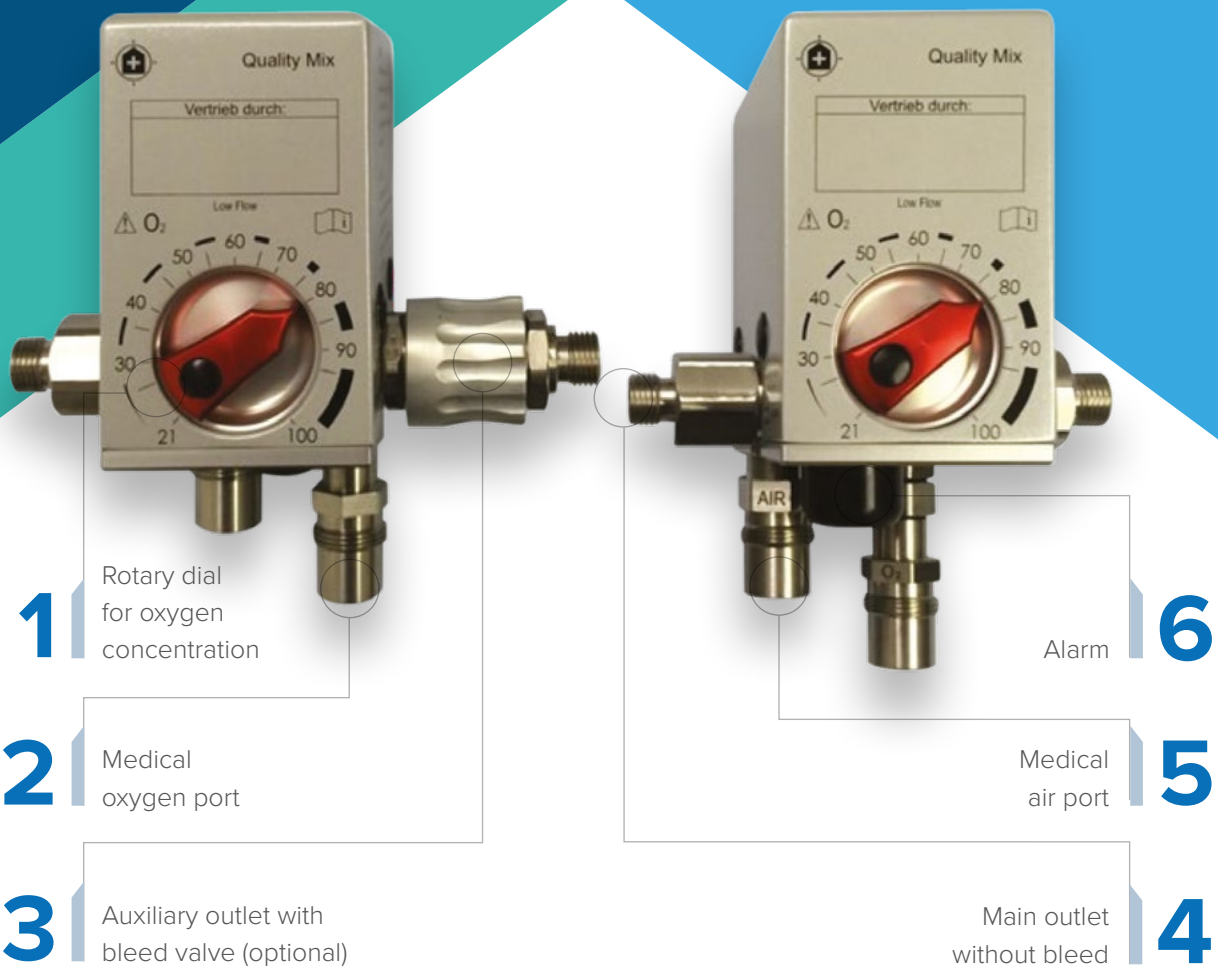




Therapy Equipment Ltd

AIR-OXYGEN BLENDER

The air-oxygen mixer 'Quality Mix' is used to administer a continuous, precise blend of medical air and medical oxygen – through its outlet ports, to infants, children and adults.



Left side, without bleed valve



Right side



Rear view

TECHNICAL DATA

High Flow with high flow capacity

Main outlet of flow:	15 – 120 l/min
Auxiliary outlet of flow with bleed:	0 – 105 l/min
Auxiliary outlet of flow without bleed:	15 – 120 l/min
Bleed flow:	≤ 13 l/min at 3.4 bar
Maximum combined flow (of all outlets):	≥ 120 l/min
Emergency flow (malfunction of air or oxygen supply):	> 85 l/min

Low Flow with low flow capacity

Main outlet of flow:	3 – 30 l/min
Auxiliary outlet of flow with bleed:	0 – 27 l/min
Auxiliary outlet of flow without bleed:	3 – 30 l/min
Bleed flow:	≤ 3 l/min at 3.4 bar
Maximum combined flow (of all outlets):	≥ 30 l/min
Emergency flow (malfunction of air or oxygen supply):	> 15 l/min

Applies to both High Flow and Low Flow

Alarm sounds when supply pressure drops:	Alarm on at a pressure difference between both gases of 0.9 – 1.8 bar. Alarm off at a pressure difference between both gases of > 0.3 bar. E.g.: Inlet pressure 4.2 bar. Alarm on at 3.3 – 2.4 bar. Alarm off at max. 3.9 bar.
Alarm volume:	≥ 80 dB at a distance of 30 cm
Setting range of the oxygen concentration:	21 – 100%
Gas inlet pressure:	3.2 – 6.5 bar: air and oxygen pressure differential should be within max. 0.7 bar
Accuracy of the mixed gases (FIO ₂)*	± 3% oxygen
Connection types:	DISS outlets for mixed gases and NIST inlets for air and oxygen
Dimensions (LxWxH)	13 x 16.5 x 12.2 cm
Weight	1600 g
Operating temperature	+5°C to +50°C

* The accuracy of the oxygen concentration can be affected if the bleed is not activated in accordance with the specifications.

DESCRIPTION	PART NUMBER
DEHAS Low Blender	11000
DEHAS High Blender	11500
DEHAS Module switchable bleed	11000-01
DEHAS Module pressure reducer	11000-02
DEHAS Module Oxygen Monitor	11000-03
DEHAS Mounting Unit for 3rd Party Oxygen monitors	11000-04
DEHAS Rail Mount	11000-05
DEHAS Flowmeter 0-3 LPM	11000-06
DEHAS Flowmeter 0-9-6 LPM	11000-07
DEHAS Flowmeter 0-15 LPM	11000-08
DEHAS Flowmeter3 2-32 LPM	11000-09
DEHAS Flowmeter8 5-85 LPM	11000-10
DEHAS D-B-BB-02 BlenderBuddy	11000-11

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