GEA®



KY-20B

GEA AIR (OXYGEN BLENDER)

Features

The Air Oxygen Blender is a medical device used to mix Medical Air and Oxygen into a gas source ranging from 21% to 100% oxygen. The capacity is to provide and convey accurately controlled mixed air and oxygen gas to the patient in clinical use. The device is not only used as open-ended oxygen deliverer, but also important to offer flexibility to adapt to many medical devices, such as Infant Incuator, Infant Radiant Warmer, Infant Oxygen Hood, Oxygen Therapy Instrument, Ventilator, CPAP, Resuscitator and Epidural Instrument, etc, especially suitable for neonatal intensive care units and ward oxygen delivery. (Ban for high blood oxygen patients)

Performance Characteristics

~ Oxygen concentration level is 21% - 100% continuously adjustable;
~ Oxygen concentration and flow rate is adjusted separately;
~ High precision regulating and continuous steady gas output;
~ Pneumatic control without power supply;

Specifications

Oxygen concentration adjustable range and accuracy:
KY-20B: Oxygen concentration adjustable range: 21% - 100%; Accuracy: ±3% O_2 (V.V).
Flow rate adjustable range:
KY-20B: 0L/min - 15L/min and 0L/min - 3.5L/min
Input gas source pressure: 207kPa - 517 kPa
Alarm of gas source failure:
Gas supply pressure difference >138kPa
Interruption of gas supply
Gas supply pressure >560kPa
The Air/Oxygen Blender is built-in pneumatic sound alarm device with the whistle sound
The alarm sound pressure level is >57dB(A)
The Reverse Gas Flow of zero (the reverse gas flow caused by the gas flow from one gas source inlet to the other inlet port).

Model & Specification	KY-20B
Concentration valve	Single
Flowmeter	Double
Humidification bottle	Yes
Gas bleed valve	Yes
Main part dimension	123mm x 63mm x 71mm
Weight	0.84
Single/double patient use	Single patient use
Packing dimension	315mm x 300mm x 265mm
Gross weight	3.2kg