

Endless Love



To Guard The New Life Safe



KY SERIES

AIR/OXYGEN BLENDER



Stock code [300314]



Function introduction

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 Incubator, 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.

Model & Specification

Model & Specification	KY-10B	KY-20B
Concentration valve	Single	Single
Flowmeter	Single	Double
Humidification bottle	Optional	
Gas bleed valve	Yes	Yes
Main part dimension	123mm×63mm×71mm	123mm×68mm×71mm
Weight	0.84kg	0.84kg
Single/double patient use	Single patient use	Single patient use
Packing dimension	315mm×300mm×265mm	
Gross weight	3.0kg	3.2kg

Specification

Oxygen concentration adjustable range and accuracy :

KY-10B:
 Oxygen concentration adjustable range: 21%-100% ;
 Accuracy: $\pm 3\%$ O₂ (V/V).
 KY-20B:
 Oxygen concentration adjustable range: 21%-100% ;
 Accuracy: $\pm 3\%$ O₂ (V/V).

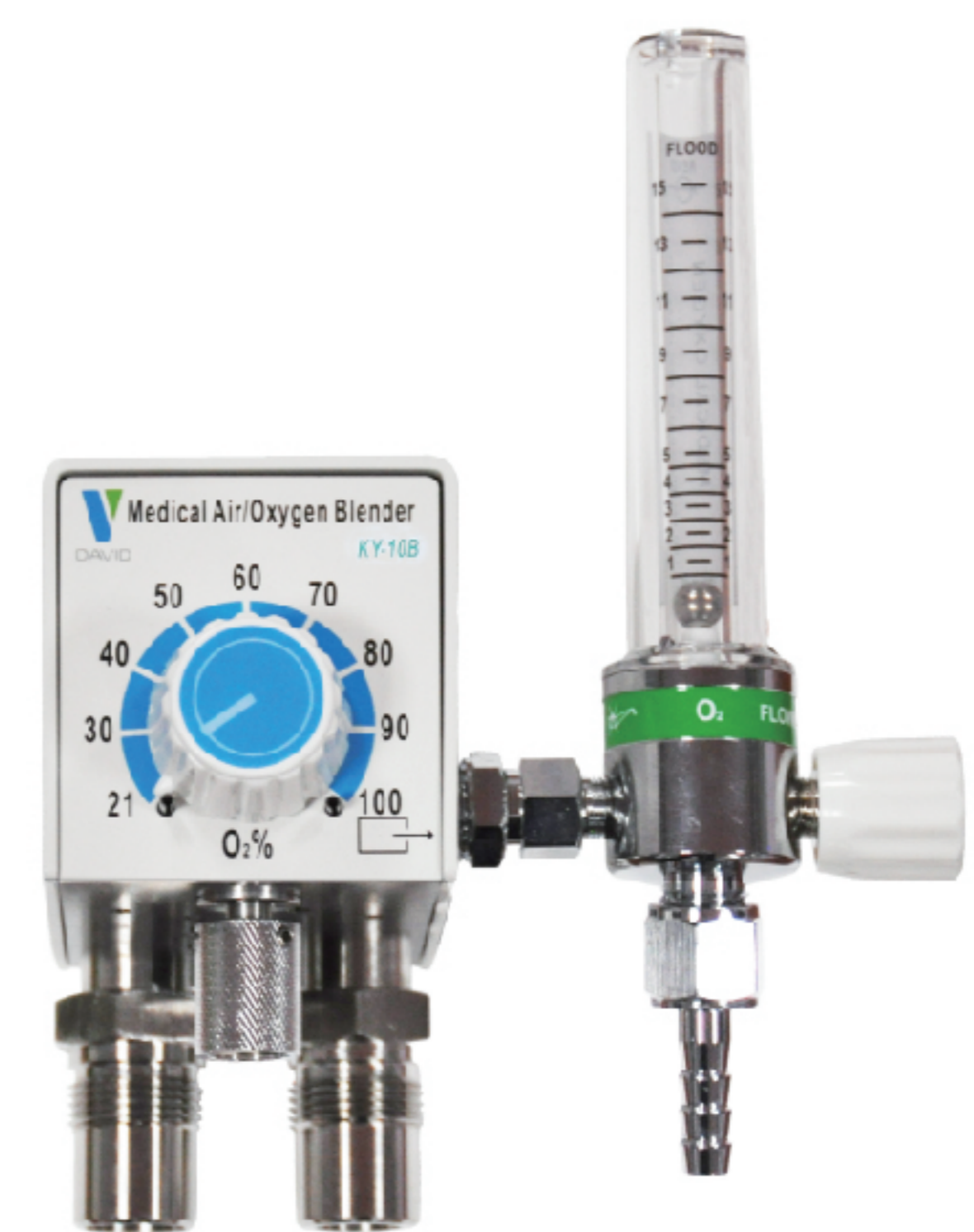
Flow rate adjustable range:

KY-10B: 0L/min -15L/min
 KY-20B: 0L/min -15L/min and 0L/min-3.5L/min
 Input gas source pressure: 207kPa-517kPa

Alarm of gas source failure:

Gas supply pressure difference in 150kPa \pm 30kPa,
 Interruption of gas supply ;
 Gas supply pressure in 560kPa \pm 40kPa,
 The Air/Oxygen Blender is built-in pneumatic sound alarm device with the whistle sound ;
 The alarm sound pressure level is >60dB(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).



KY-10B



KY-20B



Ningbo David Medical Device Co.,Ltd

Add: Bldg No. 5 Ningbo Smart Park, #98 Chuangyuan Rd, Hi-tech Zone, Ningbo, China
 Tel: 0086-574-8780 0008 or 8780 0007 Fax: 0086-574-8780 3714
 E-mail: sales@nbdavid.com Web.: www.nbdavid.com P.C.: 315048