

GAS MIXERS

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KM 20-2 ECO

Specifically designed mixer for beverage dispense applications. It provides 2 pre-set gas blends of carbon dioxide (CO₂) and nitrogen (N₂) used for pressurisation of beverage dispense systems, such as beer kegs.

Benefits

- prevents over-carbonation (saving time, product and money)
- optimum adjustment of blend settings to the specific beverage
- avoids need for multiple pre-mix stocks (saving costs)
- easy handling, blends are factory set and tamper proof
- pneumatic operating principle, no electrical connections required
- fail safe design (unit shuts down on failure of either gas supply)
- robust, compact design
- fully interchangeable with other systems available on the market



Product Information

Type	KM 20-2 ECO
Gases	Carbon Dioxide (CO ₂), Nitrogen (N ₂), not for flammable gases
Mixing range	10 – 85 Vol% CO ₂ , 2 blend settings, pre-set at factory
Gas inlet pressures	min. 5.5 bar (80 psi) – max. 10.0 bar (145 psi) (the N ₂ -pressure must not drop more than 0.5 bar (7.25 psi) below the CO ₂ -pressure)
Gas outlet pressure	min. 3.5 bar (51 psi) – max. 8.0 bar (116 psi) (depending on gas inlet pressures)
Mixture output (air)	0.4 – 40 l/min (0.014 – 1.41 scfm), infinitely variable, no mixed gas receiver required (the maximum gas mixture flow rate will be equal or above 40 l/min (1.41 scfm) at 3,5 bar (51 psi) gas outlet pressure)
Temperatures (gas/environment)	-10 °C to +50 °C (-23 °F to +122 °F)
Gas connections	push-fit fittings for flexible tube OD 8 mm (5/16"); OD 6,35 mm (1/4") optional
Material	housing: aluminium anodised parts: aluminium anodised, brass, stainless steel, elastomers
Weight	approx. 1.6 kg (3.5 lb)
Dimensions (WxHxD)	87.5 x 60 x 110 mm (3.5 x 2.4 x 4.3 inch) (without connections)
Approvals	Company certified to ISO 9001:2000 and ISO 14001 Type certificate SK 385-001

Technical Data