

► **GAS MIXER**

MM-2K / MM-2G



Made in Germany

Product of



Mixer for 2 gases for a variety of technical applications.

Benefits

- inexpensive
- compact design
- easy to install
- incl. bracket for easy fastening

Easy Operation

- a proportional mixing valve with %-scale provides an infinitely variable mixture setting

Constant Quality

- independent of pressure fluctuations in the gas supply
- independent of fluctuations of the mixed gas production (in permitted range)

Please identify the individual gases at the time of enquiring!

Type

MM-2K and MM-2G

Gases

N₂/CO₂ (0-100%), Ar/CO₂ (0-25%) or Ar/He (0-25%)
not for flammable gases!

Gas inlet pressures

min. 1 bar, max. 9.5 bar

Gas outlet pressure

see table

Mixture output (air)

see table

min. mixture output = 1/3 of the max. mixture output

Note!

Flow < 12 NI/min not possible!

±3% abs. (scale 0 – 100%)

better ±1% abs.

Setting accuracy

Mixing accuracy

Gas connections (inlets/outlet)

nipples for 6 mm hose

Housing

aluminium, coated

Weight

approx. 2.9 kg

Dimensions (HxWxD)

approx. 142 x 130 x 120 mm (5.59 x 5.12 x 4.72 inches)
(without connections)

Approvals

Company certified according to
ISO 9001 and ISO 22000

for food-grade gases according to:

- Regulation (EC) No 1935/2004

Flow MM-2K (in NI/min) in relation to air		outlet pressure in barg							
		1	2	3	4	5	6	7	8
inlet pressure CO ₂ in barg (second gas 1 bar higher)	2	36	-	-	-	-	-	-	-
	3	53	43	-	-	-	-	-	-
	4	67	63	50	-	-	-	-	-
	5	80	79	73	56	-	-	-	-
	6	93	93	91	82	60	-	-	-
	7	107	107	107	102	90	66	-	-
	8	119	119	119	118	111	98	70	-
	9	131	131	131	131	127	118	101	73

Flow MM-2G (in NI/min) in relation to air		outlet pressure in barg							
		1	2	3	4	5	6	7	8
inlet pressure CO ₂ in barg (second gas 1 bar higher)	2	45	-	-	-	-	-	-	-
	3	71	54	-	-	-	-	-	-
	4	93	85	62	-	-	-	-	-
	5	113	109	96	67	-	-	-	-
	6	134	132	125	107	75	-	-	-
	7	155	154	150	138	118	82	-	-
	8	175	175	174	166	151	126	88	-
	9	196	196	196	191	180	161	136	93

Middle East

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Road, Trade Centre District Dubai, UAE 124303

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Gas Control Equipment

- Gas Mixing systems
- Gas Metering systems
- Gas Analysers
- Gas Pressure Vessels
- Engineering Of Customised Systems

Asia Pacific

Level 16, The Pavilion Tower, Jalan Raja Chulan,
50200, Kuala Lumpur, Malaysia

Phone: +603 2182 9754-5

Fax: +603-2182 9797



Gas Safety Equipment

- Flashback Arrestors
- Non-return Valves
- Quick Couplings
- Safety Valves
- Stainless Steel Devices
- Gas Filters
- Pressure Regulators
- Lance Holders
- Ball Valves
- Automatic Hose Reels
- Test Equipment
- Accessories
- Customised Safety Devices

Europe

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M.A.P Equipment

- Gas Mixing Systems
- Gas Analyzers
- Leak Detection Systems
- Modified Atmosphere Packaging Solution

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