

**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**

**Gases**

**Gas inlet pressures**

**Gas outlet pressure**

**Mixture output (air)**

**Setting accuracy**

**Mixing accuracy**

**Gas connections (inlets/outlet)**

**Housing**

**Weight**

**Dimensions (HxWxD)**

**Approvals**



MM-2K and MM-2G

N<sub>2</sub>/CO<sub>2</sub> (0-100%), Ar/CO<sub>2</sub> (0-25%) or Ar/He (0-25%)  
not for flammable gases!

min. 1 bar, max. 9.5 bar

see table

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.

nipples for 6 mm hose

aluminium, coated

approx. 2.9 kg

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

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                                     | 2 | 36                      | -   | -   | -   | -   | -   | -   | -  |
| pressure CO <sub>2</sub>                  | 3 | 53                      | 43  | -   | -   | -   | -   | -   | -  |
| in barg                                   | 4 | 67                      | 63  | 50  | -   | -   | -   | -   | -  |
| (second                                   | 5 | 80                      | 79  | 73  | 56  | -   | -   | -   | -  |
| gas 1 bar                                 | 6 | 93                      | 93  | 91  | 82  | 60  | -   | -   | -  |
| higher)                                   | 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                                     | 2 | 45                      | -   | -   | -   | -   | -   | -   | -  |
| pressure CO <sub>2</sub>                  | 3 | 71                      | 54  | -   | -   | -   | -   | -   | -  |
| in barg                                   | 4 | 93                      | 85  | 62  | -   | -   | -   | -   | -  |
| (second                                   | 5 | 113                     | 109 | 96  | 67  | -   | -   | -   | -  |
| gas 1 bar                                 | 6 | 134                     | 132 | 125 | 107 | 75  | -   | -   | -  |
| higher)                                   | 7 | 155                     | 154 | 150 | 138 | 118 | 82  | -   | -  |
|   | 8 | 175                     | 175 | 174 | 166 | 151 | 126 | 88  | -  |
|   | 9 | 196                     | 196 | 196 | 191 | 180 | 161 | 136 | 93 |