

## STEEL CYLINDER FLOW METER CMTGL SERIES



This flow meter is formed by decompressor and glass rotameter. Through decompressor and rotameter's regulation function, steel cylinder can output gas under constant flow and pressure. Simultaneously, the meter can indicate value of pressure and flow. The rotameter is widely applied in measuring and controlling of flow of nitrogen, oxygen and hydrogen, etc. in steel cylinder.

### MODELS and PARAMETER

| ND<br>(mm) | Model          | Gas<br>Type    | Measuring<br>Range<br>(L/min) | Accuracy | Dimension (mm)            |                          |                     |     |
|------------|----------------|----------------|-------------------------------|----------|---------------------------|--------------------------|---------------------|-----|
|            |                |                |                               |          | Outlet<br>Pressure<br>MPa | Inlet<br>Pressure<br>MPa | Temperature<br>(°C) |     |
| 3          | CMTGL-01-H-3   | H <sub>2</sub> | 0.1~1,0.2~2<br>0.3~3,0.4~4    | 4        | 0.2                       | 0.5~5                    | 0~60                |     |
| 4          | CMTGL-01-H-4   |                | 0~6,1~10<br>1.5~15            | 4        |                           |                          |                     |     |
| 6          | CMTGL-01-H-6   |                | 2~20,3~30                     | 2.5      |                           |                          |                     |     |
| 10         | CMTGL-02-H-10  |                | 4~40,6~60<br>9~90             |          |                           |                          |                     |     |
| 4          | CMTGL-01-N-4   | N <sub>2</sub> | 0.2~2,0.3~3<br>0.4~4          | 4        |                           |                          |                     |     |
| 6          | CMTGL-01-N-6   |                | 0.6~6,0.9~9                   | 2.5      |                           |                          |                     |     |
| 10         | CMTGL-02-N-10  |                | 1~10,1.6~16<br>2.5~25         |          |                           |                          |                     |     |
| 4          | CMTGL-01-Ar-4  | Ar             | 0.1~1,0.2~2<br>0.3~3          | 4        |                           |                          |                     | 0.3 |
| 6          | CMTGL-01-Ar-6  |                | 0.4~4,0.6~6                   | 2.5      |                           |                          |                     |     |
| 10         | CMTGL-02-Ar-10 |                | 0.7~7,1.1~11<br>1.8~18        |          |                           |                          |                     |     |
| 4          | CMTGL-01-O-4   | O <sub>2</sub> | 0.2~2,0.3~3                   | 4        |                           |                          |                     |     |
| 6          | CMTGL-01-O-6   |                | 0.5~5,0.8~8                   | 2.5      |                           |                          |                     |     |
| 10         | CMTGL-02-O-10  |                | 2~20                          |          |                           |                          |                     |     |