ELECTRONICS
- Battery protected memory for security in the event of a power failure
- Interfaces – 2-wire, IFSF-LON, ATCL, PUMA
- LED Backlight LCD (amount, mass, unit price)
- Power supply 1 phase 230V AC, 50 Hz, ± 10 %
- Reliable TBELTM mass calculator
- Start/Stop button

HYDRAULICS
- Coriolis mass flow meters
- External and internal sequencing, electronically controlled
- High safety thanks to automatic leak detection
- Maximum flow rate 30 kg/min NGV1, 70 kg/min NGV2
- Maximum working pressure 30 MPa (300 bar)
- Optimized temperature compensation
- Solenoid valves
- Testing pressure 43 MPa (430 bars)
- Time savings during refuelling due to faster switching between individual sections

MECHANICAL CHARACTERISTICS
- Filling hose: 3/8” (cars), 1/2” (buses)
- Filling nozzles compatible with receptacles according to ISO 14468-1, 2 (NGV 1) and ISO 14468-3 (NGV 2)
- Foundation frame
- Hose management – internal with free-hanging hoses for easy use
- Housing – powder-coated steel
- Nozzles – large selection of fueling nozzles for attended or unattended use
- Simple adjustment from single filling nozzle to two nozzles (single filling point to two)
- Twin hose line with re-connectable breakaways

TECHNICAL CHARACTERISTICS
- Accuracy ± 1.0 % with minimum dispensed mass 2 kg
- Ambient temperature range -20 °C to +40 °C (-40 °C to +55 °C with additional heating)
- Approvals: ATEX, TÜV
- Conformity with OIML R139 – 1, 2
- Country specific weights and measures test upon request
- Dispensers designed to fully comply with safety, environmental and W&M European standards
- EC marking
- Factory-tested
- Power supply 1 phase 230V AC, 50 Hz, ± 10 %
- Filling duration under 3 min (standard vehicle)

OPTIONS
- 1 to 3 inlet lines
- Emergency Shut Down (ESD) system
- Emergency signal
- Emergency stop button
- Housing – stainless steel
- Mandatory country options
- Variety of nozzles from renowned producers
- Temperature-compensated filling procedure

Product images are for illustrative purposes only.

TATSUNO

BMP 4000. OS SMART / CNG
ELECTRONIC CNG DISPENSERS

TATSUNO EUROPE a.s.
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www.tatsuno-europe.com
**SINGLE-SIDED DISPENSERS**

**Product Type**
- Hose: BMP40x1.OSL(R) / CNG
- Flow rate: 1 x 30 kg/min
- Hose: BMP40x1.OSL(R) / H / CNG
- Flow rate: 1 x 70 kg/min
- Hose: BMP40x2.OSL(R) / H / CNG
- Flow rate: 1 x 30 kg/min
- Flow rate: 1 x 70 kg/min

**DOUBLE-SIDED DISPENSERS**

**Product Type**
- Hose: BMP40x2.OSD / CNG
- Flow rate: 2 x 30 kg/min
- Hose: BMP40x2.OSD / H / CNG
- Flow rate: 1 x 30 kg/min
- Flow rate: 1 x 70 kg/min
- Hose: BMP40x4.OSD / H / CNG
- Flow rate: 2 x 30 kg/min
- Flow rate: 2 x 70 kg/min

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**TECHNICAL & ENVIRONMENTAL SPECIFICATION**

<table>
<thead>
<tr>
<th>Flow rates</th>
<th>Standard speed flow rate: 30 kg/min</th>
<th>High speed flow rate (H): 70 kg/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy</td>
<td>± 1.0% with minimum dispensed mass 2 kg</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>1 phase 230V AC, 50 Hz, ± 10%</td>
<td></td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-20 °C to +40 °C (-40 °C to +55 °C with additional heating)</td>
<td></td>
</tr>
<tr>
<td>Temperature of fluid</td>
<td>-40 °C to +80 °C</td>
<td></td>
</tr>
<tr>
<td>Relative humidity</td>
<td>5 % to 95 % non-condensing</td>
<td></td>
</tr>
</tbody>
</table>

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**TATSUNO’s CNG dispensers are designed to last longer even in the harshest of conditions.** The robust dispenser is only dispatched to your site after rigorous testing at TATSUNO’s laboratory. The CNG dispenser comes with housing made of powder-coated steel providing long lasting life in all environments.

As an experienced global producer with many years’ experience with much more than just CNG dispensers, we have created a timeless design that not only meets countless requirements of varied customers, but also offers simple adjustment from a single filling nozzle to up to four nozzles.