Smart Gas Grids
Gas Smart Grids
Smart Solutions

Rapid availability of reliable information is a fundamental requirement nowadays. The services offered by Fiorentini in terms of data acquisition and management daily contribute to improve process efficiency, optimizing the related costs. We help our customers to be constantly informed of what happens on site, enabling prompt decision-making.

Gas Smart grids
Smart gas meters
Smart control
Smart data management
The future is smart
Smart gas meters: moving to the future.
Smart metering
Today it is possible to perform the traditional function of measuring gas consumption combined with a range of advanced functions: communication, connections to Home display, integral valve or cardless pre-paid function. The necessary support for a more awareness energy utilization.

HM 2,5 - 4
Hymeter is the newest hybrid technology residential diaphragm meter by Pietro Fiorentini. It mixes the latest electronic technologies with the traditional diaphragm metering system. Capacity 4 and 6 m3/h

HM 6-10-16
The solution for commercial and small industrial connections. Capacities available: 10, 16, 25 m3/h

Explorer Mini
Explorer mini is the new EVCD by Pietro Fiorentini volume corrector, designed with built in modem to allow the installation of a single device directly in ATEX hazardous area.
**Smart Gas Grid technologies**

Pietro Fiorentini offers a wide range of flow computers and Volume converters, they afford to satisfy all the requirements of the gas industry, every type it is realized with the accuracy, reliability.

All the new flow computer have web user interface embedded and it allows to “browse”, via the Internet/Intranet, real-time metering data and status report, to check alarms, to perform diagnostics and routine maintenance instantly and all approved for software upgrade operation both local and remote.

![FIO - Five In One](image1)

**FIO - Five In One**

Today electrical and gas networks are separated and almost in competition, but there are new scenario are approaching where these two realities will be not separated anymore.

More often, in the power generation sector, natural gas is considered a partner of renewable energy, as natural gas is the integration element for a de-carbonized process with the aim to help sustainable business, accelerating the transition to a low carbon, clean technology economy.

![FIO 2.0](image2)

**FIO 2.0**

Five-in-One system is a monitor managing and control unit for pressure regulators.

It can be equipped on both Pilot operated and spring loaded regulators to enable additional functionalities like:

- Indirect flow measurement
- Flow limitation
- Pressure profiling by time or real time demand based
- Process monitoring
Smart Data Management
Information and Actions

We take care of the entire gas odorisation process, Rapid availability of reliable information is a fundamental requirement nowadays. The services offered by Fiorentini in terms of data acquisition and management daily contribute to improve process efficiency, optimizing the related costs. We help our customers to be constantly informed of what happens on site, enabling prompt decision-making.

Alarms Management
We monitor the plants continuously, automatically and promptly reporting any anomalies, being able to take care of on site emergencies.

Data Acquisition
The modern alternative to SCADA systems. We deal with the monitoring of the main parameters of the plants directly managing the telecommunication equipment and data transmission burdens.
The Future is Smart

<table>
<thead>
<tr>
<th>SMART GAS METERING</th>
<th>SMART CONTROL</th>
<th>SMART DATA MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hymeter HM4</td>
<td>Explorer</td>
<td>Data Acquisition</td>
</tr>
<tr>
<td>Hymeter HM6-10-16</td>
<td>Nano Pico</td>
<td>Alarms Management</td>
</tr>
<tr>
<td>Explorer Mini</td>
<td>FIO 2.0</td>
<td></td>
</tr>
<tr>
<td>Explorer Zero</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Exploration & Production
Gas Transmission
Gas Distribution
Residential and Commercial Applications Systems
Gas Metering Service

Gas Smart Grids

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