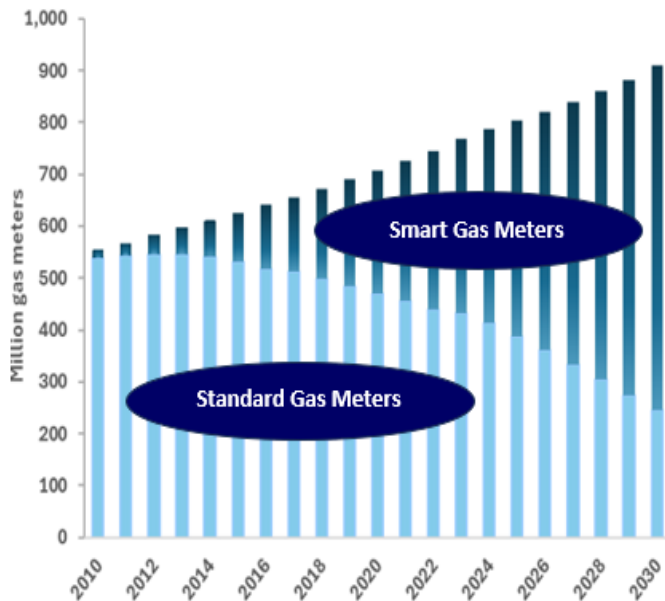


Gas Meters Smart & Standard Ed 5 2024



The Gas Meter market rose to 80.8 million meters in 2023 with a value of \$5.5 billion and is predicted to reach 116 million meters by 2028.

The new edition of Gas Meters Smart & Standard Ed5 2024 has identified three significant factors driving demand.

- Smart gas metering is taking off, after lagging behind electricity smart metering. Large deployments of smart gas meters are identified in Europe, Asia Pacific and Central Asia.
- Ultrasonic meters have long been used for bulk and custody metering but their entry into the residential market has been hampered by price. Costs have now come down and they are poised to challenge the traditional dominance of residential diaphragm meters. Large deployments have been contracted in the Netherlands, in the USA and Canada, in Japan and potentially in the UK, with China simmering. The leading international manufacturers have developed G1.6-16 ultrasonic meters and regulators are accrediting them around the globe.
- Despite net zero targets, opposition from green activists and an explosion of wind power and solar PV, fossil fuels are still the mainstay of global energy. Natural gas is well positioned as a transitional fuel because of lower emissions than coal and oil. City gas distribution is on ambitious growth paths in some of the largest markets.

Market statistics and analysis

- Sales of gas meters for 42 countries, by meter type - basic residential, AMR/AMI, prepayment, communal, communications modules, C&I - units, value, and average selling price, from 2022 to 2028.
- New deployments of smart gas meters, together with suppliers.
- The status of residential ultrasonic metering in relevant markets, deployments and manufacturers.
- The gas metering landscape in 2023 - numbers of population, households, gas consumers, and demand in meters and \$ value.
- The major meter technologies described with total market shares; diaphragm, rotary, turbine, orifice and ultrasonic, Coriolis, vortex and MEMS.
- The major customers for gas meters, the gas transmission and distribution utilities in each of the 42 countries profiled, together with their structure.
- The growth of housing units, gas and electricity customers charted for each profiled country, from 1950 to 2030.
- Global market shares with profiles of the top 23 meter manufacturers – Profiles of Elster, Itron, Landis+Gyr, Sensus, Dresser, Diehl, Apator, Panasonic, Nicor Gas, Sagemcom, Sensus, Dongfa Group, Holley, Qianwei Kromschroeder, Emerson.
- The smart meter rollouts are causing fundamental changes in the demand cycle for meters.
- The NGV and autogas segment is reviewed, a small but growing segment for gas meters, with numbers and metering technology.
- Gas supply infrastructure outlined, which meters required for each function.

PDF report - 226 pages, 73 figures, 125 tables

Excel file - tables with an expanded time frame.

METHODOLOGY

Statplan has a set of historical databases, first created in 1998 and regularly updated, among them the populations of energy consumers and meters in the domestic and C&I sectors for electricity, gas and water. Based on forecasts of energy consumption these have been projected to future targets. Demand is calculated based on new installations plus replacements. Replacements are based on historical installations less refurbishments.

These calculations are reviewed after extensive internet searches, examination of national statistics, company and utility reports, meter production and trade data are correlated and reconciled by interviews with meter manufacturers.

STATISTICAL TABLES

The core of the statistical report consists of two series of tables. The first quantifies the consumer base and the gas meter landscape in each country, together with annual demand in numbers of meters and \$ value. The second consists of tables forecasting demand from 2022 to 2028, analysed by meter type, in numbers of meters, \$ value and average selling price per meter.

The global piped gas metering landscape 2023

	Population	Households	Piped gas consumers	Demand for meters	Demand for meters
	Million	Million	Thousand	Thousand	\$ million
Global					
9 regions					
72 countries					

Sales forecasts in meter units and \$ value, by technology, 2022-2028

	2022	2023	2024	2025	2026	2027	2028
'000 meters							
Residential							
PPM							
AMI							
Industrial & grid							
Total meters							
\$ million							
Residential							
PPM							
AMI							
Industrial & grid							
Total value							
Average selling price \$							
Residential							
PPM							
AMI							
Industrial & grid							
Average all meters							

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