

We measure flow, mass, density, level and pressure



Heinrichs Messtechnik Power Stations

Beside conventional EPCs we deliver also measuring technology into nuclear power plants and thus we are familiar with the corresponding demands. Special for us is normal.



POWER PLANTS - EPC INDUSTRY



Target Flow Meter



Electromagnetic Flow Meter
Inline / Insertion design



Vortex Flow Meters
Steam monitoring







Variable Area Flow Meters

Maximum Reliability

Power plants – regardless whether operated with coal, oil, gas or nuclear power – normally work with steam turbines. Water - in the form of steam - is used both for the power turbines as well as in liquid form during the entire thermal process inside a power plant. A large number of cooling circuits are drawn through the plant and all sub-circuits must be safety monitored. The central water supply and measurement control are of the highest importance and must deliver maximum performance 24-7. Heinrichs Messtechnik has been for many years a strong partner of the power plant industry and engineering companies, our instruments been successfully deployed since decades. We are partner of Siemens, ABB, Alfa Lavall, Hitachi-Power, Technip and many more and we stand for highest reliability and measurement precision. Our instruments find use in nuclear power plants where reliability is of a particular necessity, since cooling circuits - also in peripheral areas – can be contaminated and must therefore continue to work safely under the most extreme conditions.

Technologies

- 
Variable Area Flow Meters
 Flow measurement / -monitoring of liquids and gases up to 6", monitoring of cooling and supply lines, dry run monitoring of pumps, cooling lines for heat exchangers and air conditions
- 
Target Flow Meters
 Monitoring of cooling and supply lines 4"...20" nominal size, extremely compact mounting for critical space installations
- 
Electromagnetic Flow Meters
 Central water supply for In-Line sensors with lining of hard rubber, soft rubber, line sizes up to 1200 mm or use of insertion meters up to 2200 mm line size, redundancy measurement for insertion technology Incl. multiple measurement.
- 
Vortex Flow Meters
 Measurement of hot gases and steam from ½" to 12" up to 400° C