



SYSTEM SOLUTIONS

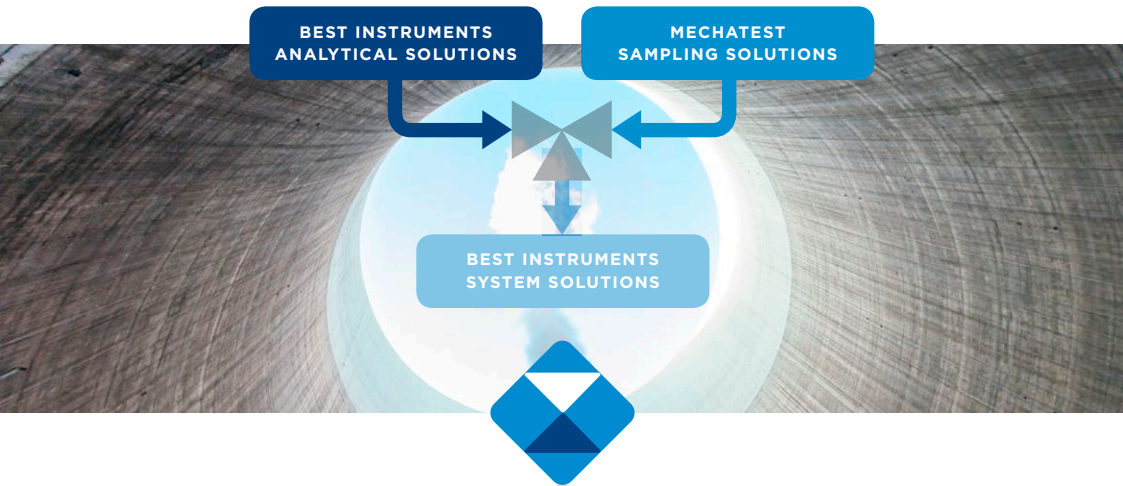


DESIGN AND IMPLEMENT CUSTOMIZED SOLUTIONS
FOR STEAM & WATER ANALYSIS SYSTEMS (SWAS)

A COMPLETE SOLUTION FROM ANALYTICAL AND SAMPLING
EXPERTS WITH STATE-OF-THE-ART MEASURING TECHNOLOGY

BEST INSTRUMENTS SYSTEM SOLUTIONS

Best Instruments System Solutions is a global company and well known for it's intelligent solutions. With more than 15 years of experience we offer you high quality and innovative products in sampling systems and analytical measurement technology. The company itself is a co-operation between BEST Instruments Analytical Solutions specialized in analysers (with brands like Swan, Tethys and WTW) and Mechatest Sampling Solutions, a specialist and manufacturer of liquid- and gas sampling systems.



WE ARE A GLOBAL PLAYER AT YOUR SERVICE

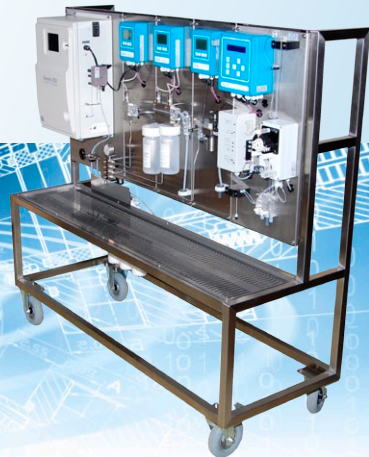
The System Solutions group brings the BEST of both companies concerning analytical equipment and sampling systems. We have a deep understanding about your analytical issues.

We have a broad experience in Steam and Water Analysis Systems (SWAS) which are used in:

- power plants
- potable water industry
- sewage treatment
- (petro)chemical industry
- food, etc.

Besides the SWAS we have shelters, racks, sampling panels and ATEX solutions in our portfolio. We supply turn-key water/steam sampling and analysis systems all over the world.

With back-up of our representatives we can provide global service and support.

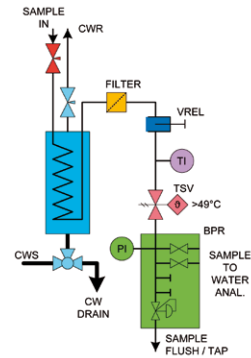


THE BEST SOLUTIONS FROM SAMPLE TAP TO ANALYSER SYSTEM

BEST Instruments System Solutions can ensure a proper design from sample tap to the sampling station where the conditioning of the sample takes place. The conditioning has the main function to reduce and regulate the temperature, flow and pressure of the sample.

All our sampling systems are designed with BEST-in-class and critical components such as sample coolers, pressure reducing valves (VREL), back pressure regulators, relief valves, flow controllers and thermal shut off valves. We are a distributor of several leading brands like Sentry, Herpi, Therm-Omega and in house designed sample conditioning systems. The sampling panels are provided with highly efficient double helix coil-in-shell type sample coolers based on contra flow design and therefore require a very

low cooling water flow. The sample conditioning systems will be reviewed and designed according to the latest VGB, GDCD and ASTM standards.





AFTER SAMPLING THE ANALYSIS ITSELF TAKES PLACE

This part of the system is important because it will control all your processes. The analysers have built-in fail-safe functions like monitoring of the sample flow, sensor integrity and reagent addition (where applicable) and are in line with the latest standards and developments. Out of our portfolio we can supply you with Swan, Tethys and WTW analysers. If the customer wants to have an analyser of another brand in the system itself, this can be done. We have experience with the following applications:

- Ammonium
- Chlorine
- Conductivity (specific-, acid- and degassed)
- Heavy Metals
- Hydrazine
- Hydrogen
- Nitrite
- Nitrate
- Oil in water
- Oxygen
- pH
- Phosphate
- Redox
- Silica
- Sodium
- Sulphide
- Temperature
- TOC
- TSS
- Turbidity



WE FOCUS ON SOLUTIONS!



When you expect a good reliable, accurate, safe and fast response on-line analysis you need the BEST practise experience from experts for your complete analyser system. Besides the analysers mounted in a general purpose cabinet there are possibilities for ATEX solutions in zone 1 and 2.





GOOD EQUIPMENT DESERVES PROPER HOUSING

Putting the Sample pre-conditioning and the Analysers together it will result in the solutions we can offer you; like analyser panels, racks, SWAS panels, freestanding racks, complete shelters or containers. These solutions can be delivered on request with heating, ventilation, air conditioning (HVAC), etc. Our solutions will increase your performance and decrease the costs by giving immediately good analysing results. This will result in an optimum control of all your processes.



WE GOT THE POWER FOR THE BEST SOLUTIONS IN WATER-STEAM SAMPLING AND ANALYSING



▶ Steam and water sampling & analysing systems, shelters and pre-conditioning



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