



SYSTEM INTEGRATION THROUGH ANALYTICAL EXPERTISE

Preconditioning + Analyzer + Application + Installation + Start-up + Training + Maintenance...

We do not sell you an analyzer but a complete solution for a measuring problem 👍

Through AppliTek's "Global System Approach" we became a Worldwide recognized player in the highly corrosive Chlor Alkali -, Petro Chemical-, Chemical-, Water Purification-, Process Water-, Drinking Water-, Food-, Pharmaceutical-, Oil & Gas-, Car-, Electronics-, Plating-, Power Industry ...etc. as on-line System Solution Provider.

Preconditioning: Many applications do require sample preconditioning in order to present a suitable sample to the analyzer. If needed we can prepare or condition the sample before the measurement takes place. The on-line analyzer can only perform as good as the precondition system delivers sample for measurement. Maintenance free operation is crucial in our design. AppliTek has extensive experience with technologies such as Filtration – T° Control – Flow Control – Pressure Control - Phase Separation – Settling – Liquid Removal - Fast Loop Supply – Coalescence – Evaporation - Liquefaction... etc on Liquids, Slurries, Powders and Gasses.



Analyzer: AppliTek has been 25+ years in the analytical business. We have built up an extensive experience in most analytical techniques. Our customers rely on the expertise of our “hands-on” specialists in the following on-line analysis fields: XRF, NIR, FTIR, RAMAN, Chromatography, titration, photometry, colorimetry, Potentiometry, Voltammetry, Respirometry, Bio-Monitoring, ... etc.

Since 2007 AppliTek became manufacturer and supplier of the most complete range of wet-chemical analyzers on the world market. We always apply for the Best Available Technology (BAT).



Application: Our application labs generates new applications and techniques have a vast database containing thousands of Applications. A solution to your analysis problem is therefore nearby, and if not, we are tailoring it to your needs. All our on-line analyzer systems undergo an in depth application test in our lab during the “Factory Acceptance Test” (FAT) prior to delivery.



Installation: AppliTek has on-line analyzer systems expert teams for engineering, construction, outside battery limits field engineering and installation of the equipment. By the AppliTek “Global System Approach” the analyzer systems are often installed in a complete **AnaShell**[®] Protective Analyzer Shelter or cabinet guaranteeing a quick and easy field installation with minimum utility costs.



Start-up + Training + Maintenance: AppliTek's service and training team operational on all world continents. According to customer needs daily or preventive maintenance contracts possible. Every on-line analyzer system installed is pre-tested in the Factory Acceptance Test (FAT) preferably in the presence of the customer and comes with a local in depth training and start-up assistance



Single Source Responsibility Program AppliTek supplies you with the ideal formula for all your needs in process control/monitoring. From the feasibility to the basic engineering until the implementation of the analyzer system, AppliTek is and remains your single partner. The Single Source Responsibility Program is the AppliTek symbiosis between analytical expertise and system integration, finalized in-house until the delivery to the plant. Service and maintenance complete our task as a single source supplier and are carefully planned during the implementation of the system and the on-site training of management and operators.

Application laboratory

- Advice of best analysis method for customer needs
- In-house feasibility studies
- Application development.
- Danger Assessment Studies
- In-house customer & product training

Engineering

- In-house CAD ExPert team
- In-house Ex Proof (ATEX/NEC) ExPert team
- In-house Software/PLC expert team
- In-house Preconditioning ExPert team
- Cost planning
- Basic & Detail engineering

Construction / Integration

- In-house quality & safety control
- Flexibility in changes of scope of supply
- Project & Site Management
- Factory Acceptance Test (FAT) prior to shipment
- Fully equipped workshop

Commissioning / After Sales Service

- Site Acceptance Test (SAT)
- Start up / Test runs
- Operator / Product training
- Maintenance (contracts)
- Periodic preventive checks