

Turn key projects of filtration, separation, purification & gas distribution system

AT&M (CISRI Group Member) provides filtering units for many gas/liquid/solid separation systems, such as catalyst recovery, liquid/oil purification, high temperature gas filtration and radioactive aerosol purification.

We offer filtration, separation and purification solutions for various liquid management needs with high efficiency and low cost, including process technology, system design and operation specifications.

AT&M has independent intellectual property rights of filtering technology. Our filtration system allows the filter elements backflushing on-line automatically with pulse gas-assisted liquid under the automatic control mode, which provides high reliability, simple operation and easy maintenance.

Technical Features

- Easy operation with fully automatic control
- Capable of working in high temperature and corrosive environment
- Excellent on-line backflush ability
- Low operation and maintenance cost
- Long operating life

Main Applications

- RFCC (Resid Fluid catalytic Cracking) auto-backwashing purification filtration system
- Backwashing filter equipment of raw oil in hydrogenation refining
- Continuous Backwashing filter equipment of raw or finished paraffin oil
- Synthesis gas filtration unit in IGCC (Integrated Gasification Combined Cycle) power plant
- Coal-gasification filtration system
- High precision filter used in SZorb™ Sulfur Removal Technology
- Waste water treatment

