

Conventional Treatment

Continuous Wastewater Treatment and Recovery



Treat Water Flows From 10 GPM To 1000 GPM

1400 SERIES Wastewater Treatment units are engineered and custom designed for your exact manufacturing specifications and integrated into your facility's unique process.

Our systems meet the stringent effluent requirements that exist within a multitude of industries.

Each unit is engineered to deliver

your specified results. The design process begins with a comprehensive inspection of your process.

This allows us to identify your precise treatment needs. Our in-house engineers determine what combinations of reagents and components are required to meet your facility's specific needs.

Once your full system requirements

are established, the **1400 SERIES** system components are engineered, built and tested at our facility.

The completed unit is transported to your facility and assembled in place for peak efficiency.

Once installed, our team will commission, test and confirm the treatment of wastewater in your new system.

CERTIFIED
ISO 9001



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KONTEK guarantees seamless integration and flawless unit performance.

High-volume inclined plate clarifiers, complete with poly-vinyl chloride plates, effectively extract remaining waste particles.

In the event that the **1400 SERIES** treated water does not meet post-clarification parameters, the system will automatically re-treat the batch until it meets the specified water parameters for industrial re-use or draining.



KONTEK 1400 SERIES

Technical Specifications

- Corrosion-proof neutralization reactors are fabricated from fibreglass or polyethylene
- Automatic polymer feed systems
- Pulse proportion controlled treatment ensures accurate and reliable chemistry application
- Redundant pH/ORP controllers complete with calibration indication for all of the PLC controlled systems
- Kynar housed 4-20 mA non-contacting ultrasonic level controller included on all PLC controlled systems
- High surface area inclined plate clarifiers are fabricated from steel or stainless steel
- Filter presses are fabricated in-house from steel or stainless steel
- Bulk waste storage tanks complete with level control systems and system interlocks
- Level control systems and pumps included with all sludge thickener systems

The Complete System

Conventional Inclined Plate Clarification

Continuous High Flow Treatment System

- “On-line” troubleshooting is incorporated on all PLC controlled systems
- Tandem solution transfer pumps and solution flow meters are standard on all systems
- Each unit is meticulously engineered to deliver personalized results



...because it works!
KONTEK
PROCESS WATER MANAGEMENT