

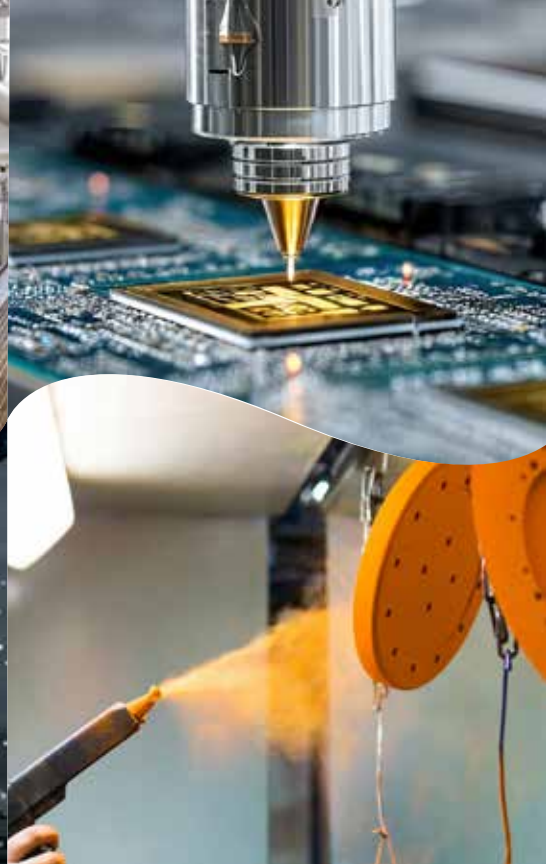
**Your Total Wastewater  
Solutions Partner**

**Source Water  
Purification**

**Wastewater  
Treatment**

**Wastewater  
Recovery**

**Solids  
Dewatering**



## A Total Solutions Provider

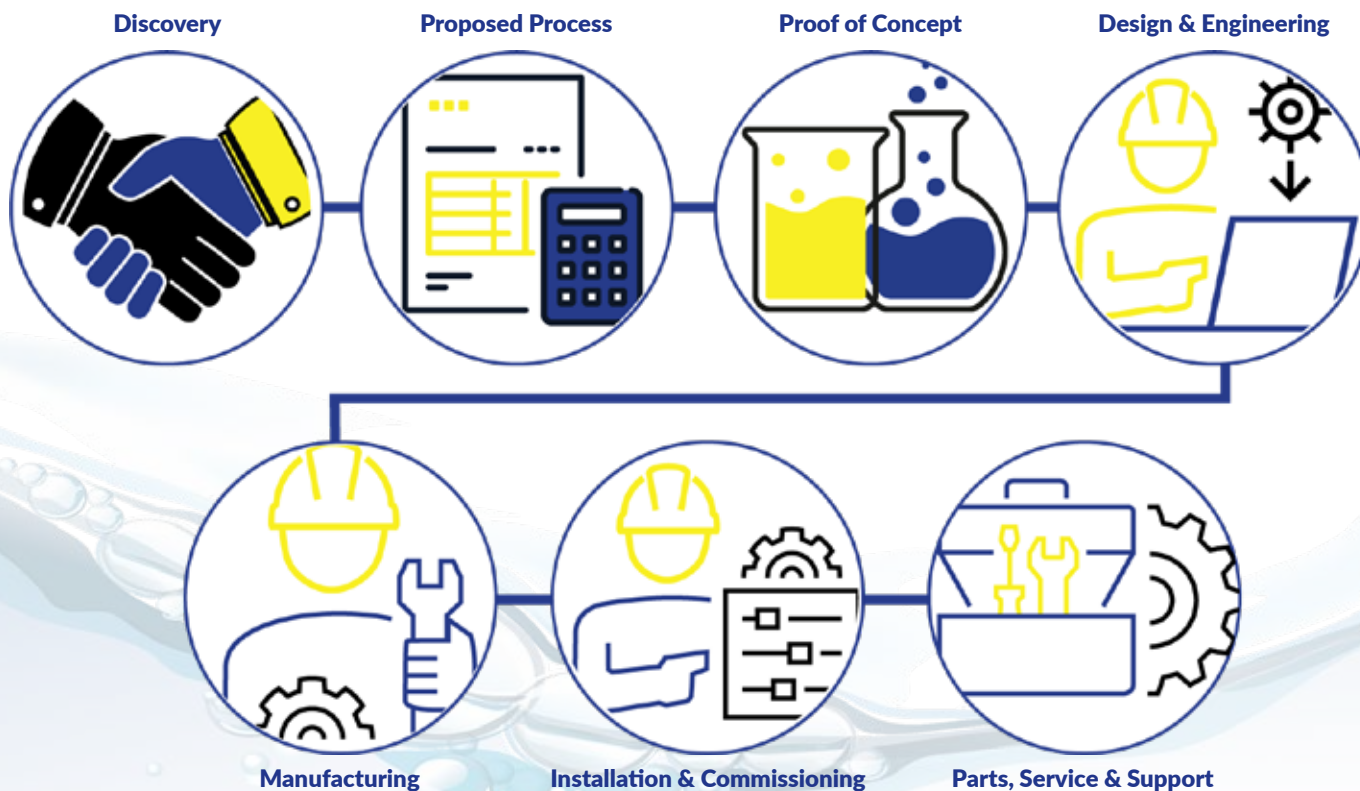
Kontek designs and engineers unique systems to meet your specific needs using a combination of proprietary and industry standard technologies. We commit to our customers with exceptional service from inquiry to installation and throughout the life of our products. We're dedicated to keep your business flowing.

**Improve cost efficiency and achieve environmental objectives with a total Kontek system!**

## The Kontek Experience

- **Expertise:** Combined 100+ years of industry experience
- **Proven Results:** Solutions that deliver measurable, sustainable results by reducing water consumption and treatment costs, while achieving environmental objectives
- **Custom Solutions:** Every business has unique needs, and we provide application engineering to your specific manufacturing and water parameter requirements
- **Smart Systems:** SMARTLOGIC intuitive graphical user interface, historical data access, remote access and push notification
- **Lifetime Partnership:** Continuous parts and services network support

## Design & Engineer - Manufacture - Install & Commission - Parts & Service





## Source Water Purification

### ROKON

- Purifies facility water up to 75-80% leading to lower cost production, and higher quality output
- Automated operation with touch screen control provides real-time data and ease of maintenance
- Low fouling membranes and high quality pre-treatment reduce cleaning and lower maintenance costs while extending RO membrane life

## Wastewater Treatment

### 1400 SERIES BTS SYSTEM

- Continuous (1400 Series) or Batch Treatment (BTS System) to treat process wastewater for recovery or discharge to sewer
- Meet wastewater discharge regulations
- Lower water consumption by up to 90% by pairing with ROKON for wastewater recovery
- Pretreatment modules available for treating oily waste, hexavalent chromium, cyanide, and more



### MOONSTONE

- Commonly used to treat vibratory finishing, NDT/FPI rinsewater, compressor blowdown water, water soluble ink wastewater
- Single reagent treatment system greatly simplifies treatment protocol
- Automated continuous flow systems from 2 to 100 gpm, or batch treatment systems, 50 & 100 gal
- 304 stainless steel construction, 316 stainless steel option available
- Customization to match the chemical treatment protocol is available



## Wastewater Recovery

### REKON ROKON

- Ion exchange resin technology removes metals and salts from rinsewater
- Overall recovery equivalent to approximately 85-90%
- Automated with dual resin trains and resin regeneration capabilities
- Includes carbon filter and UV sterilizer to minimize biological activity
- Precise control of chemical and water flow rates to ensure regeneration quality with minimal wastewater production
- Flow capacities up to 200 gpm per skid



## Solids Dewatering

### CONREC

#### Filter Press

- Convert 2-3% solids content from the clarifier or batch treatment tank to a 30% solids filter cake
- Can be elevated to allow for discharge into drums, supersacks or rolloff containers
- Includes engineered operator platforms for accessing the elevated filter press

#### Sludge Dryer

- Reduce filter cake volume and weight by up to 65%, reducing the cost of disposal and liability of hazardous landfill
- Dried cake may be suitable for recovery, eliminating landfill liability and disposal costs

#### Liquid Crystallizer

- Eliminates liquid content of liquid waste, resulting in dry solids for disposal
- Typically used on RO concentrate or evaporator residues to achieve a ZLD system

#### Zero Liquid Discharge (ZLD)

1400 +ROKON + Vacuum Evaporation + Slurry Mizer  
ReKon + BTS + Vacuum Evaporation + Slurry Mizer



## Our Commitment Beyond Installation

### Service & Parts

- **Ongoing System Support:** Continued technical guidance, operational advice, and responsive customer care throughout the system's lifetime
- **Comprehensive OEM Parts Availability:** Access to a full range of OEM replacement parts to ensure optimal equipment performance and longevity
- **Skilled Technicians:** Available for dedicated service support troubleshooting, repairs, and preventative maintenance to minimize downtime with our in-house team of engineers: electrical, mechanical, automation and process



## Other Products in our Line

### Specialty Products



**KC-20 & KC-400**  
Process Solution Purification  
Systems



**MEMKON**  
Micro-Filtration Systems



**CLARIFIERS**  
304/316 SS MOC &  
Highest Plate Area Available



**H2O VACUDEST**  
Vacuum  
Distillation Evaporators



**MAX-EVAP**  
Atmospheric Evaporators

Source Water  
Purification

Wastewater  
Treatment

Wastewater  
Recovery

Solids  
Dewatering

*"...Because it Works!"*  
**KONTEK**  
PROCESS WATER MANAGEMENT

Contact us for your industrial process wastewater solutions

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