

# Grow your profitability

## Water & Wastewater Measurement Solutions

A global resource for your water  
and wastewater needs





# Treatment and Distribution Municipal and Industrial Watershed

**Desalination**  
Treats brackish water or seawater for municipal use.

Pretreatment

Desalination

Post Treatment

Storage

City Sewage

Industry

Chem Feed

Rapid Mix

Flocculation

**Water Treatment**

Treats water from the watershed for municipal or industrial use.

Preliminary Treatment

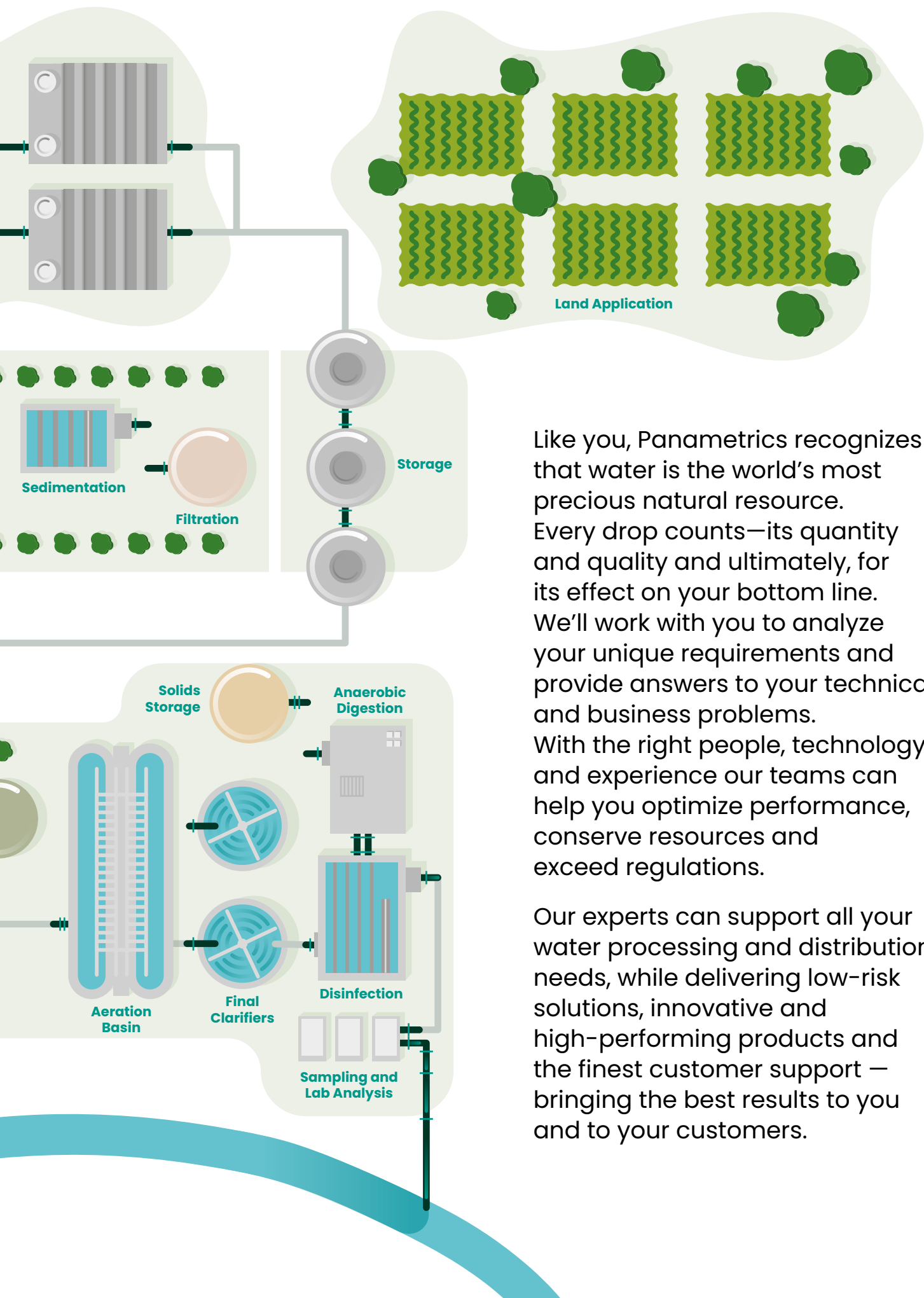
Pumping

Primary Clarifiers

Trickling Filter

**Wastewater Treatment**

Treats wastewater for reuse or for return to the watershed.



Like you, Panametrics recognizes that water is the world's most precious natural resource. Every drop counts—its quantity and quality and ultimately, for its effect on your bottom line. We'll work with you to analyze your unique requirements and provide answers to your technical and business problems. With the right people, technology and experience our teams can help you optimize performance, conserve resources and exceed regulations.

Our experts can support all your water processing and distribution needs, while delivering low-risk solutions, innovative and high-performing products and the finest customer support — bringing the best results to you and to your customers.

# Measuring what matters most in the water cycle



*Watershed and water source applications*



*Water treatment plants, municipal and industrial*



*Water storage and distribution*



*Wastewater treatment plants, municipal and industrial*



*Reverse osmosis skids and applications*



# Flow

## Clamp on flow meters

### **Panametrics AquaTrans™ AT600** ultrasonic flow meter

Handle most of your water and water treatment flow applications with ease. Clamp them onto existing pipes without shutting down your process. With no moving parts to break or wear, these drift-free meters require virtually no maintenance, saving you money year after year.

### **Panametrics TransPort® PT900** portable flow meter

The full function of **Panametrics TransPort® PT900** portable flowmeter fits into the palm of your hand. Its powerful features help you do surveys or check unreliable meters throughout your plant. The path of water and wastewater defines when and where to establish flow measurement points. To maintain existing infrastructure, operators strongly recommend that users allow a continuous flow and install flow meters from outside the pipes.

### **Why use Panametrics ultrasonic clamp on flow meters for water and wastewater?**

- Eliminate downtime by attaching the flow meter to the outside of your pipe
- Enhance reliability with on-demand readings and tablet to transmitter communication you'll know right away when there are leaks or issues with your flow
- Improve accuracy with a robust and versatile transducer





# Gas Analysis

## Panametrics XMO2 Thermoparamagnetic oxygen analyzer

Panametrics oxygen analyzers will reliably monitor oxygen in the headspace of the digester tank to ensure micro-organism health for efficient aerobic digestion

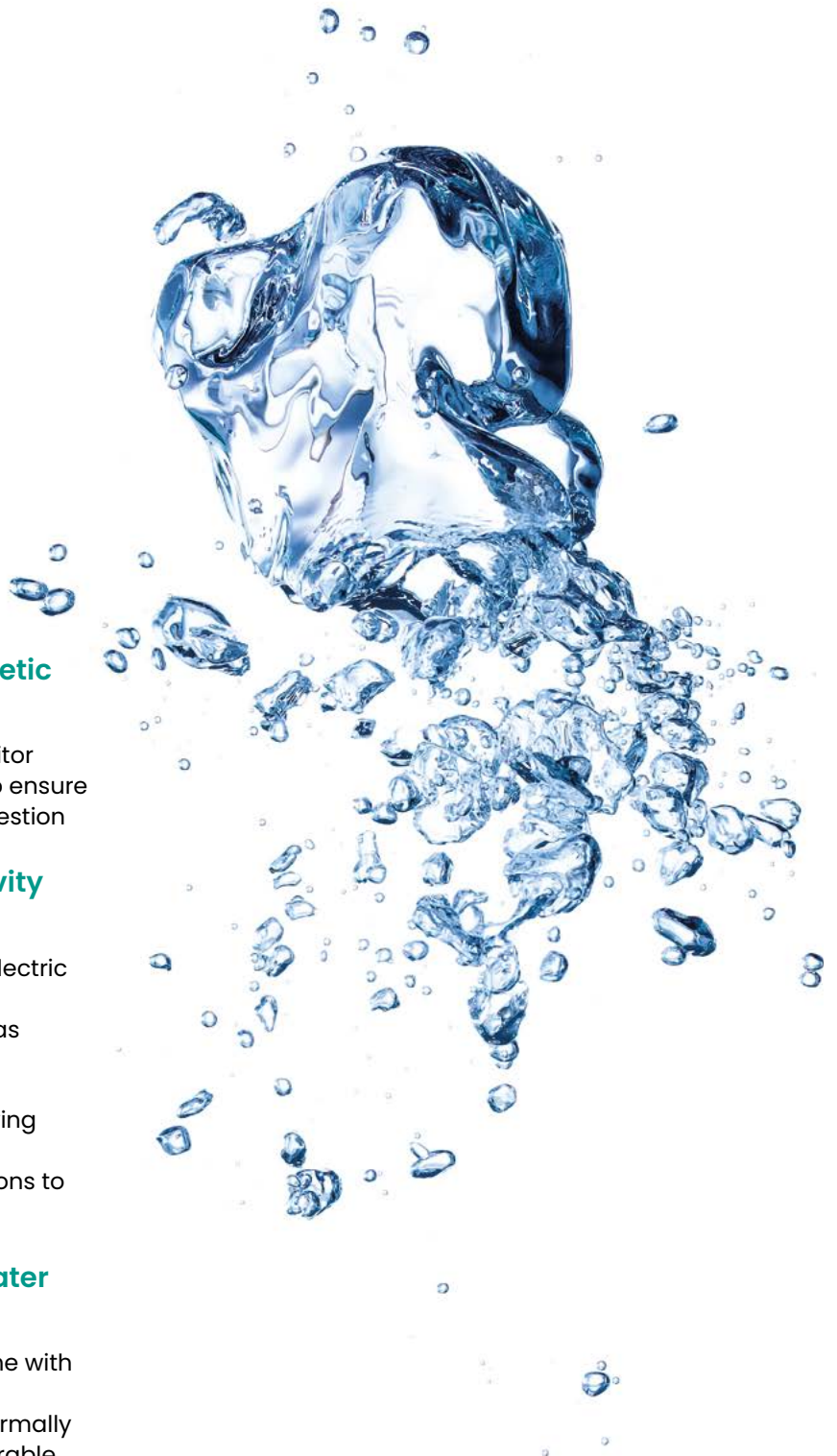
## Panametrics XMTC Thermal Conductivity based gas analyzer

If your plant uses digester gases as fuel for its electric generators, you can measure the digester gas Methane content with the Panametrics XMTC gas analyzer, to ensure optimal fuel quality.

With long-term calibration stability and no moving parts to require expensive maintenance, these Panametrics analyzers are cost-effective solutions to your gas analysis needs.

## Why Panametrics gas analyzers for water and wastewater?

- Reduce your maintenance costs and downtime with an Oxygen analyzer that is resistant to liquid carryover and process upsets which would normally render alternative oxygen technologies irreparable
- Improve the reliability of your Oxygen measurement with non-depleting thermoparamagnetic technology which has no moving parts
- Increase the efficiency of your combustion process by having a dedicated Methane in CO2 measurement for digester/biogas in a compact and rugged format
- Simplify your installation with a turn-key solution of sample conditioning system and analyzer





# Services for water and wastewater industry

## Remote applications

Optimize your instrumentation investment with a call to our highly trained Field Service Engineers who can respond to your site. Or if you prefer, send your device to one of our Centers of Excellence for superior in house repair and calibration services.

We provide services specific to the water industry such as flowmeter calibration and preventative maintenance. To meet your peak demands or unexpected situations, we can bring temporary flow metering on site. Our experienced Panametrics Instructors can customize a technology or product-specific training course for your technicians at our facilities or yours.

## Field Service

- Flow Surveys
- Troubleshoot and Repair Flow/G&M Equipment
- Commission Flow/G&M Equipment
- Training
- Preventative Maintenance

## In House Service Offerings

In House Calibration, Troubleshoot, and Repair Flow/G&M Equipment.



[Learn more about our solutions](#)  
for your water and wastewater operations

Panametrics, a Baker Hughes Business, provides solutions in the toughest applications and environments for moisture, oxygen, liquid and gas flow measurement. Experts in flare management, Panametrics technology also reduces flare emissions and optimizes performance. With a reach that extends across the globe, Panametrics' critical measurement solutions and flare emissions management are enabling customers to drive efficiency and achieve carbon reduction targets across critical industries including: Oil & Gas; Energy; Healthcare; Water and Wastewater; Chemical Processing; Food & Beverage and many others. Join the conversation and follow us on **LinkedIn**



## Contact us

For more information please contact your local Panametrics representative, or visit:

**[panametrics.com](https://panametrics.com)**

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