
ABB MEASUREMENT & ANALYTICS

A more measured world of water

Product portfolio for the water
and wastewater industry



Proven measurement products

A comprehensive industry portfolio 1/2

Flow measurement

ABB has decades of experience in flow measurement for the water industries. Based on a thorough understanding of industry requirements, innovative flow measurement products have been developed to control processes, increase profits and save costs.

Highest precision in flow measurement is available, for example when dosing chloride or other chemicals, measuring flow rate of wastewater or detecting leaks in drinking water infrastructure. Flow measurement products featuring self-diagnostics and process information make it easy for the customer to be in control of any process.


Product category	Electromagnetic flow					Vortex/Swirl	Thermal mass	DP flow
Product name	WaterMaster	ProcessMaster	SM4000	AquaMaster	AquaProbe	VortexMaster / SwirlMaster	SensyMaster	Torbar
Product type	FER1xx FEW3xx FEW5xx	FEx61x FEx63x	SE41F	FEW4xx	FEA1xx FEW4xx	FSV4xx FSS4xx	FMT4xx FMT2xx	
Product image								
Aeration and digestion	•		•			•	•	•
Borehole	•			•				
Desalination	•	•	•			•		
Coagulation	•							
Final discharge	•				•			
Final sedimentation	•						•	
Irrigation	•			•	•			
Network management	•			•	•	•		
Pressure boosting	•	•						
Primary sedimentation	•	•					•	•
Pumping station	•							
Sedimentation / filtration	•	•	•			•	•	
Storm water	•				•			
Sludge incineration		•	•					
Treatment	•	•	•			•	•	•
Treatment plant inlet	•	•	•			•		•
Water intake	•							
Water storage	•			•	•			

Pressure, temperature and level measurement

With its portfolio of field instruments and devices, ABB offers an unmatched selection of transmitter and sensor solutions including a common HMI for user-friendly handling. A comprehensive line of contact and non-contact level technologies provide repeatable solutions for reliable inventory and process control.

Recorders and controllers

ABB offers a wide range of industrial recorders and controllers, including single and dual loop indicators that provide high visibility and secure videographic capabilities. With advanced protection against dust or water, as well as clear and bright displays, the process status is seen at a glance.

Coriolis	VA meters	Level			In-line Pressure	Pressure		Temperature		Verification Services
CoriolisMaster	VA Master PurgeMaster	Laser	Ultrasonic	Magnetic level gauge	Pressure transmitter	Gauge Pressure transmitter	Differential Pressure transmitter	Head-mounted transmitter	Field-mounted transmitter	Verification Capability
FCB400	FAM541 10A6100	LLT100	LST300 LST400	KM26	PGS100/ PAS100	266HSH	266DSH	TTH300	TTF300	SRV500
										
		
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Proven measurement products

A comprehensive industry portfolio 2/2

Analytical measurement

As a world leading supplier of analytical measurement technologies, ABB offers an unmatched line of instruments for a variety of applications in the water and wastewater industry. The liquid and gas analytical products enable cost-effective measurements when monitoring product quality and controlling

chemical usage. Designed to maximize product quality, they support the customer in meeting process requirements and conform to local and global regulations. ABB is the single source supplier of reliable analytical measurement products for the water industries.

Product category	Recorders			Controllers	Analytical instruments		
Product name	ScreenMaster 500	ScreenMaster	Circular chart recorder	ControlMaster	pH / ORP	Conductivity	Turbidity / Total suspended solids
Product type	SM500F	RVG200	C1900	CM10 CM30 CM50	AP10/20/30 APS Digital TB(X)5	AC2 TB2 TB4	4690 ATS430
Product image							
Aeration and digestion	•	•			•		•
Borehole	•						•
Coagulation				•	•		•
Desalination	•	•		•	•	•	•
Final discharge	•	•	•		•	•	•
Final sedimentation							•
Irrigation	•		•				
Network management	•						
Primary sedimentation					•		•
Pumping station	•	•					
Sedimentation / filtration							•
Sludge incineration		•	•	•			
Storm water	•	•		•			
Treatment	•	•	•	•	•		•
Treatment plant inlet	•	•	•	•	•	•	•
Water intake	•	•		•		•	•
Water storage					•	•	•

Service

ABB understands the value of accurate and reliable measurement. Our service specialists are located strategically to support all products and systems globally. Professional installation enables efficient operation and ensures reliable lifecycle management. Use of genuine spare parts minimizes risks and increases equipment uptime.

Predictive maintenance optimizes device and process performance based on scheduled condition monitoring findings.

All services can be provided as a Measurement Care service agreement, tailored to specific customer needs.

Analytical instruments












Dissolved Oxygen	Dissolved Organics	Ammonia	Nitrate	Phosphate	Fluoride	Iron	Manganese	Aluminium	Chlorine	Oxygen Zirconia
ADS430 AWT440	AV4 AW637	AAM631 AW632	AV45	AW636	AFM631	AW633	AW634 AW635	AW631	AW400	AZ20, AZ25, AZ30, AZ40
										
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ABB Measurement & Analytics

For your local ABB contact, visit:
www.abb.com/contacts

For more product information, visit:
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