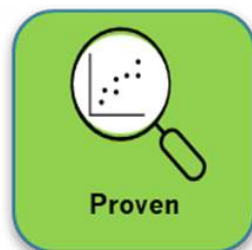




AquaMetrix
by  Water Analytics

PRODUCT BROCHURE

2024

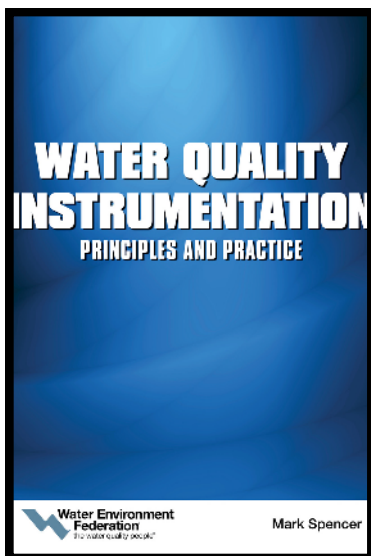


ABOUT US

AquaMetrix by Water Analytics is a manufacturer of water quality analysis sensors and controllers. With a history spanning over five decades, AquaMetrix sensors and controllers are designed to thrive in the most challenging environments, making them a top choice for industrial water applications.

Are you looking for a manufacturer that provides more than the initial sale? You have come to the right place. AquaMetrix prides itself on our post-sales support and customer service. We strive for best-in-class deliveries, with most core products available in 2 weeks or less.

When it comes to Industrial sensing, think AquaMetrix for sensors that last where others will fail. AquaMetrix provides its durable suite of industrial water sensors and controllers through our valued distributors and supply based OEM and Private Label partnerships.



Did You Know?

AquaMetrix by Water Analytics president, Mark Spencer, authored "Water Quality Instrumentation" Principles and Practice published by Water Environmental Federation.

pH

ORP

Conductivity

D.O

Turbidity

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4-20 MA SENSORS (DIRECT TO PLC)

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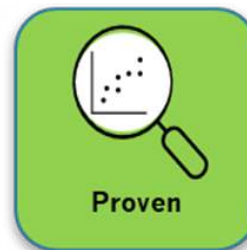
Robust



Reliable



User Friendly



Proven

AM-2300

Our most feature rich controller, providing a variety of modular I/O options, the AM-2300 Controller accepts any 4-20 mA sensor as an open-source controller, has Modbus TCP/IP Output, and can accept up to 8 x 4-20 mA Sensors



Model Number	Inputs	Outputs
AM-2300-0	4X Analog 3X Contact	4X Relays
AM-2300-1	8X Analog 3X Contact	4X Relays
AM-2300-2	4X Analog 3X Contact	4X Relays 4X Analog (4-20mA out)
AM-2300-3	4X Analog 6X Contact	8X Relays
AM-2300-4	4X Analog 3X Contact	10x Relays
AM-2300-5	8X Analog	6X Relays
AM-2300-6	4X Analog 7X Contact	6X Relays
AM-2300-7	8X Analog 7X Contact	6X Relays
AM-2300-8	8X Analog	12X Relays
AM-2300-9	4X Analog 7X Contact	12X Relays
AM-2300-10	4X Analog 7X Contact	4X Analog (4-20mA out)



MODEL # PTXR5-015

PH: PTXR5 SERIES

4-20 mA, 1" MNPT, Ryton PPS

SKU

PTXR5-015: 15' cable
PTXR5-050: 50' cable



MODEL # PTXR8-015

PH: PTXR8 SERIES

4-20 mA, 1-1/2" MNPT, Ryton PPS

PTXR8-015: 15' cable
PTXR8-050: 50' cable



MODEL # ASM1TX-015

COND: AS-TX SERIES

4-20 mA, 1" MNPT, CPVC

ASM01TX-015: 10-200 uS/cm
ASM1TX-015: 100-2000 uS/cm
ASG10TX-015: 1-25 mS/cm
* All models can be custom scaled



MODEL # RTXR5-015

ORP: RTXR5 SERIES

4-20 mA, 1" MNPT, Ryton PPS

SKU

RTXR5-015: 15' cable
RTXR5-050: 50' cable



MODEL # RTXR8-015

ORP: RTXR8 SERIES

4-20 mA, 1-1/2" MNPT, Ryton PPS

RTXR8-015: 15' cable
RTXR8-050: 50' cable



MODEL # AM-ESTX-015

COND: ES-TX SERIES

4-20 mA, 3/4" MNPT, Polypropelene

AM-ESTX-015: 4-400,000 uS/cm
(custom scale), 15' cable



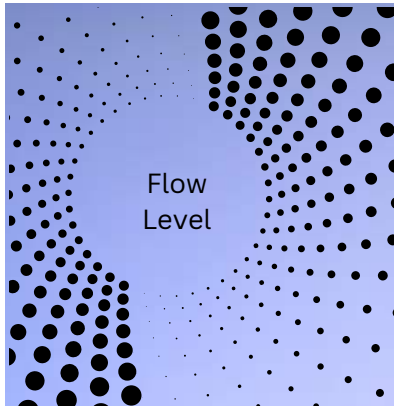
MODEL # AM-ODOTX-015

DO: ODO-TX SERIES

Dual 4-20 mA & Digital, 1" MNPT, CPVC

SKU

AM-ODOTX-015: % SAT, PPM, Temperature, 15' cable



Flow
Level

ANY 2-WIRE 4-20 MA

Open-Standard

Monitor, control and datalog using any 4-20 mA output sensor (or magmeter), along with custom text



MODEL # AM-TBR-RLN400

* accessories recommended

TURB: AM-TBR SERIES

4-20 mA

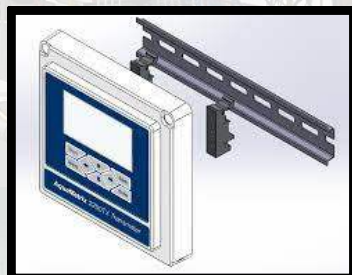
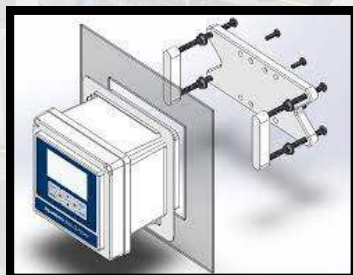
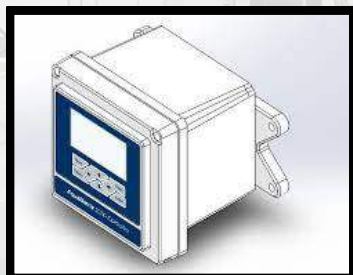
AM-TBR-RLN400: 0-400 NTU, In-line*
AM-TBR-RSN400: 0-400 NTU, Submersible

AM-2250TX

Industrial Grade pH (P60 Series), ORP (R60 Series) or Conductivity (AS Series) monitoring with local display and simple calibration.

Single Input Transmitter

1 x 4-20 mA Output



AM-2250TX COMPATIBLE SENSORS



MODEL # P60R5-015

PH: P60R5 SERIES

Raw Output, 1" MNPT, Ryton PPS

SKU

P60R5-015: 15' cable
P60R5-050: 50' cable



MODEL # P60R8-015

PH: P60R8 SERIES

Raw Output, 1-1/2" MNPT, Ryton PPS

P60R8-015: 15' cable
P60R8-050: 50' cable



MODEL # ASM1P1-015

COND: AS SERIES

Raw Output, 3/4" MNPT, CPVC

ASG001P1-015: 0.2 - 10 $\mu\text{S}/\text{cm}$
ASM01P1-015: 10 - 500 $\mu\text{S}/\text{cm}$
ASM1P1-015: 100 - 5000 $\mu\text{S}/\text{cm}$
ASG10P1-015: 1-50 mS/cm
ASG50P1-015: 5 - 250 mS/cm



MODEL # R60R5-015

ORP: R60R5 SERIES

Raw Output, 1" MNPT, Ryton PPS

SKU

R60R5-015: 15' cable
R60R5-050: 50' cable

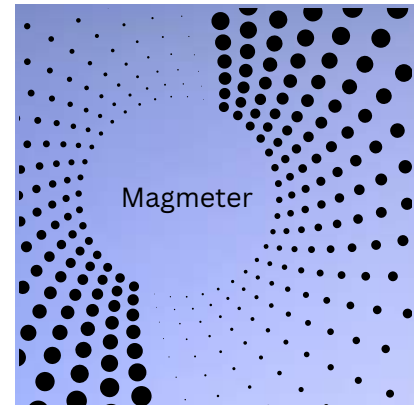


MODEL # R60R8-015

ORP: R60R8 SERIES

Raw Output, 1-1/2" MNPT, Ryton PPS

R60R8-015: 15' cable
R60R8-050: 50' cable



PULSED SENSORS

Open Standard: Incorporate a Magmeter



MODEL # P585T1-015

PH: P500 SERIES

Raw Output, 3/4" MNPT, CPVC

SKU

P585T1-015: 15' cable



MODEL # R585T1-015

ORP: R500 SERIES

Raw Output, 3/4" MNPT, CPVC

R585T1-015: 15' cable

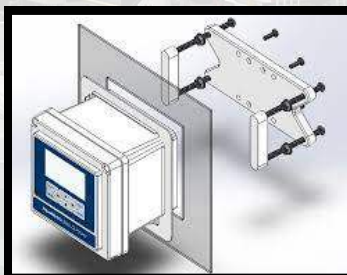
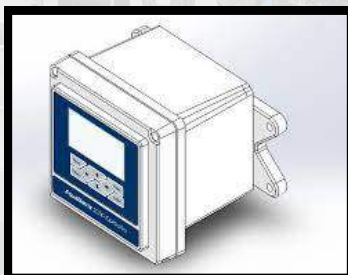
AM-2250

Industrial Grade Controller for pH (P60 Series),
ORP (R60 Series) or Conductivity (AS Series)
with local display and simple calibration.

Single Input Controller

2 x 4-20 mA Outputs

3 x Relays





MODEL # P60R5-015

PH: P60R5 SERIES

Raw Output, 1" MNPT, Ryton PPS

SKU

P60R5-015: 15' cable
P60R5-050: 50' cable



MODEL # P60R8-015

PH: P60R8 SERIES

Raw Output, 1-1/2" MNPT, Ryton PPS

P60R8-015: 15' cable
P60R8-050: 50' cable



MODEL # ASM1P1-015

COND: AS SERIES

Raw Output, 3/4" MNPT, CPVC

ASG001P1-015: 0.2 - 10 $\mu\text{S}/\text{cm}$
ASM01P1-015: 10 - 500 $\mu\text{S}/\text{cm}$
ASM1P1-015: 100 - 5000 $\mu\text{S}/\text{cm}$
ASG10P1-015: 1-50 mS/cm
ASG50P1-015: 5 - 250 mS/cm



MODEL # R60R5-015

ORP: R60R5 SERIES

Raw Output, 1" MNPT, Ryton PPS

SKU

R60R5-015: 15' cable
R60R5-050: 50' cable

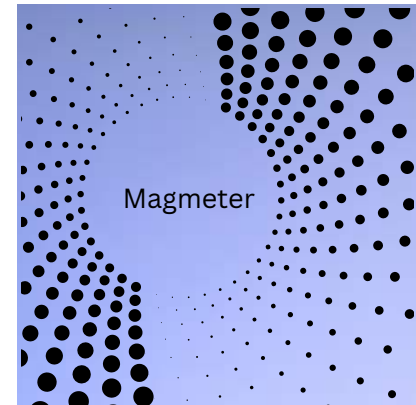


MODEL # R60R8-015

ORP: R60R8 SERIES

Raw Output, 1-1/2" MNPT, Ryton PPS

R60R8-015: 15' cable
R60R8-050: 50' cable



PULSED SENSORS

Open Standard: Incorporate a Magmeter



MODEL # P585T1-015

PH: P500 SERIES

Raw Output, 3/4" MNPT, CPVC

SKU

P585T1-015: 15' cable



MODEL # R585T1-015

ORP: R500 SERIES

Raw Output, 3/4" MNPT, CPVC

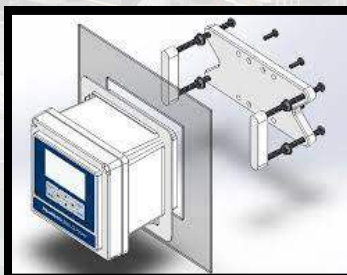
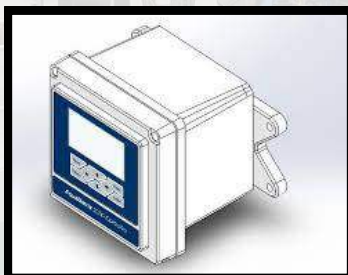
R585T1-015: 15' cable

AM-2252

Industrial Grade Controller for 2 inputs of
pH (P60 Series), ORP (R60 Series) or
Conductivity (AS Series) with local display
and simple calibration.

Dual Input Controller

3 x 4-20 mA Outputs
5 x Relays



AM-2252 COMPATIBLE SENSORS



MODEL # P60R5-015

PH: P60R5 SERIES

Raw Output, 1" MNPT, Ryton PPS

SKU

P60R5-015: 15' cable
P60R5-050: 50' cable



MODEL # P60R8-015

PH: P60R8 SERIES

Raw Output, 1-1/2" MNPT, Ryton PPS

P60R8-015: 15' cable
P60R8-050: 50' cable



MODEL # ASM1P1-015

COND: AS SERIES

Raw Output, 3/4" MNPT, CPVC

ASG001P1-015: 0.2 - 10 $\mu\text{S}/\text{cm}$
ASM01P1-015: 10 - 500 $\mu\text{S}/\text{cm}$
ASM1P1-015: 100 - 5000 $\mu\text{S}/\text{cm}$
ASG10P1-015: 1-50 mS/cm
ASG50P1-015: 5 - 250 mS/cm



MODEL # R60R5-015

ORP: R60R5 SERIES

Raw Output, 1" MNPT, Ryton PPS

SKU

R60R5-015: 15' cable
R60R5-050: 50' cable

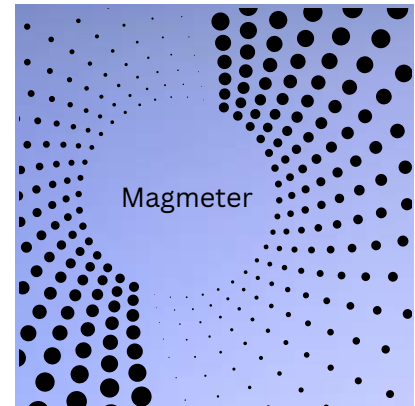


MODEL # R60R8-015

ORP: R60R8 SERIES

Raw Output, 1-1/2" MNPT, Ryton PPS

R60R8-015: 15' cable
R60R8-050: 50' cable



PULSED SENSORS

Open Standard: Incorporate a Magmeter



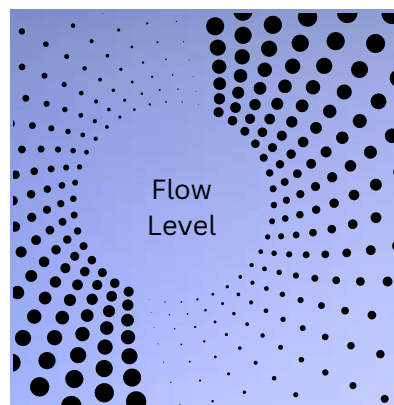
MODEL # P585T1-015

PH: P500 SERIES

Raw Output, 3/4" MNPT, CPVC

SKU

P585T1-015: 15' cable



ANY 2-WIRE 4-20 MA

Channel 2 of AM-2252 accepts any 4-20 mA sensor data



MODEL # R585T1-015

ORP: R500 SERIES

Raw Output, 3/4" MNPT, CPVC

R585T1-015: 15' cable

-TX SERIES SENSORS

AquaMetrix -TX Series Smart Sensors provide durable and reliable mechanical design with the intelligence of a smart sensor: custom scaling, plug-and-play, built in isolation, and user choice of Analog or Digital output based on wiring configuration.



1. DIFFERENTIAL PH

PTXR5-015
PTXR5-050
PTXR8-015
PTXR8-050

2. DIFFERENTIAL ORP

RTXR5-015
RTXR5-050
RTXR8-015
RTXR8-050

3. CONDUCTIVITY

Contacting:
ASM01TX-015
ASM1TX-015
ASG10TX-015

Toroidal:
AM-ESTX-015

4. DISSOLVED OXYGEN

AM-ODOTX-015

SKU



INDUSTRIAL WASTEWATER

Monitor for regulatory compliance of wastewater discharge from your facility



PROCESS AUTOMATION & CONTROL

Sensing and Control within processes provides consistency and optimization for yield and quality



PULP & PAPER

Pulp & Paper is a highly corrosive environment, requiring durable sensing and control instrumentation for real time monitoring



TEXTILE

Monitor for quality control, resource efficiency and regulatory compliance within the textile industry



PLATING

Monitoring for consistency and process optimization ensures ideal conditions within your plating baths



CHEMICAL

Chemical processing varies based on application, and the need for industrial grade instrumentation is imperative for accurate process monitoring



MINING

Monitoring across mining applications ensures compliance and optimization of processes



FOOD / BEVERAGE

Ensure consistent environments and quality of your processes across food and beverage applications

INDUSTRIAL WASTEWATER

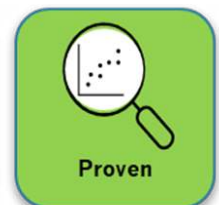
PROCESS MONITORING

AQUACULTURE

HVAC



**PH
ORP
CONDUCTIVITY
DISSOLVED OXYGEN
... AND MORE**



ANALOG SENSORS

DIGITAL SENSORS

ANALYZERS

