

Orion ionplus® Series Monitors Specifications



AquaPro pH AQUA20 & AQUA30

AQUA20 Features:

- Ideal for quick insertion and removal applications
- AQUA20 pH electrode inserts and locks into AQUA2A adapter
- Rugged industrial housings for On-Line, pipe insertion or submersion (dip system) applications
- Built in thermistor and solution ground
- Bulb guards to protect glass pH sensing bulb from breakage and damage

AQUA30 Features:

- Flat surface sensor helps prevent breakage and damage
- Ideal for samples containing oil, grease or particulates
- AQUA30 pH electrode screws into AQUA3H electrode housing for easy cleaning or replacement
- AQUA3A adapter slides onto AQUA3H for On-Line insertion
- Built in thermistor and solution ground

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Specifications

AQUA20 and AQUA30

Measuring Range:	0.01 to 14.00 pH
Drift:	< 0.5 pH units for 30 days
Temperature Range:	-5 to 100°C
Thermistor (built in):	30 kohm
Isopotential Point:	pH 7
AQUA20 Dimensions:	Length: 144 mm (5.7 in) Diameter: 25 mm (1.0 in) 3/4 in NPT on AQUA20, 1 in NPT on AQUA2A
AQUA3H Dimensions:	Length: 185 mm (7.3 in) Diameter: 28 mm (1.1 in) 3/4 in NPT on AQUA3H, 1 1/2 in NPT on AQUA3A
Pressure Range:	0 to 100 psi (6.9 bar)
Cable Length:	5 meters (16 ft)

Ordering Information

Cat. No.	Description
AQUA20:	Combination pH electrode/thermistor
AQUA2A:	Twistlock adapter for AQUA20
AQUA30:	Combination pH electrode module (needs AQUA3H)
AQUA3H:	Bulkhead assembly and thermistor for AQUA30 module, AQUA3A included
900023:	pH electrode cleaning solution (for general cleaning, includes four 1 oz. bottles)
900024:	pH electrode cleaning solution (for removing oil and grease contaminant's, includes (4) 1 oz. bottles)

HYDRAPERME Reference System

The AQUA20 and AQUA30 On-Line pH electrodes are ideal for the harshest samples and environments. The HYDRAPERME Reference System is a polymer based reference electrolyte, which hydrates and expands when it comes in contact with an aqueous sample.

These electrodes have a large, rugged reference junction, suitable for harsh On-Line samples that fluctuate in temperature and pressure.

- Long life double junction combination Ag/AgCl electrodes
- Designed for use with models 2001 and 2002 pH Monitors

**Contains hazardous material*

Above data generated under optimal/controlled circumstances.

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