



Clean & Cal pH Mount (EU/UK)

Product #:

100745

AED Price:

Contact Hach

Seamless, rapid in situ calibration at your fingertips!

Flow thru cleaning and calibration assembly for pH and ORP process probes!

You can clean and calibrate your Hach pH and ORP process probes without having to remove them from the stream of water, or manually transport the cleaning tools and solutions.

Permanently mount our unit on a wall or board adjacent to the current location of your probe, divert water from the stream to the 'Clean and Cal' unit via tubing, then mount the probe in the unit. If you clean and calibrate once a week, you only need to fill containers above the unit with a weak acid (citric or vinegar), buffer solutions and distilled rinse water, once every six months. Easily clean and calibrate via toggle switches.

The mount's transparent (and robust) acrylic body and embedded LED light allow for you to rapidly assess the condition of your probe (i.e. adequate immersion and detecting biofouling or scaling that might degrade sensor performance). The integrated manual toggles and cleaning and calibration solutions accelerates the maintenance workflows.

It works for source water pH measurements (pre-coagulation), post-coagulation settled water, post-disinfection finished water in Drinking Water applications. Within industrial applications, it is best used in source water, 'produced' water (in oil and gas applications), and general cooling water applications.

The Clean and Cal mount system is designed for process probes like the pH Online Process pH Sensor (e.g. Part #: PD1P1 or DPD1P1) or Online Process ORP Sensor (Part # RD1P5). For a complete list of compatible probes, see the Clean and Cal datasheet below. Contains with these stickers for solutions containers: DI, Acid, pH 4, pH 7, and pH 10. Panel backing (Part No. 100763) and Cleaning and Calibration solutions sold separately.

Integrated controls of calibration and cleaning solutions

Stores up to 4 calibration and/or cleaning solutions in bulk (including DI Water) to conduct your cleaning and calibration fast!

Viewing window provides complete visibility of condition of the probe sensor

Rapidly detect fouling of the sensor and catch build-up before it hinders your measurements.

Durable material

High strength resin ensures the integrity of your probe sensor head and the attractive transparent design makes at-a-glance monitoring easy.

Reduce risk of damaging probe

Calibrate your probes without removing them from their housing. Opening and closing influent valve allows quick cleaning and calibration so you can spend less time cleaning and calibrating and more time monitoring from afar.

Specifications

Altitude:	2000 m (6562 ft) maximum
Certifications:	CE, UKCA, FCC, ISED, RCM
Indoor/Outdoor:	Indoor
Material:	Manifold assembly: PMMA
	Solution containers: LDPE
	Container cap and quick-connect fittings: polypropylene with EPDM seals
	Tubing: PVC compound
Operating conditions:	0 - 40 °C (32 - 104 °F), 0 - 95% relative humidity, non-condensing
	With battery pack: 0 - 35 °C (32 - 95 °F)
Power:	Class II, USB power adapter: 100-240 VAC, 50/60 Hz input;
	5 VDC at 2 A USB power adapter output
Pressure rating:	Flow cell valve, drain valve, rinse water valve and sample valve: 414 kPa (60 psi) maximum
Sensors:	Compatible with Hach's convertible style online pHD and ORP sensors:
	DPD1P1, DPD1P3, DPD1R1, DPD1R3, DRD1P5, DRD1P6, DRD1R5, DRD1R6, PD1P1, PD1P3, PD1R1, PD1R3, RD1P5, RD1P6, RD1R5, RD1R6
Storage conditions:	-20 °C - 70 °C (-4 °F - 158 °F)
Temperature:	Battery pack: 0 - 35 °C (32 - 95 °F) maximum
	Battery lasts approximately 200 hours (8 days).
	Charges in approximately 4 hours.
Volume:	Solution container: 1 L
	Flow cell within manifold block: 15 mL
Warranty:	24 months