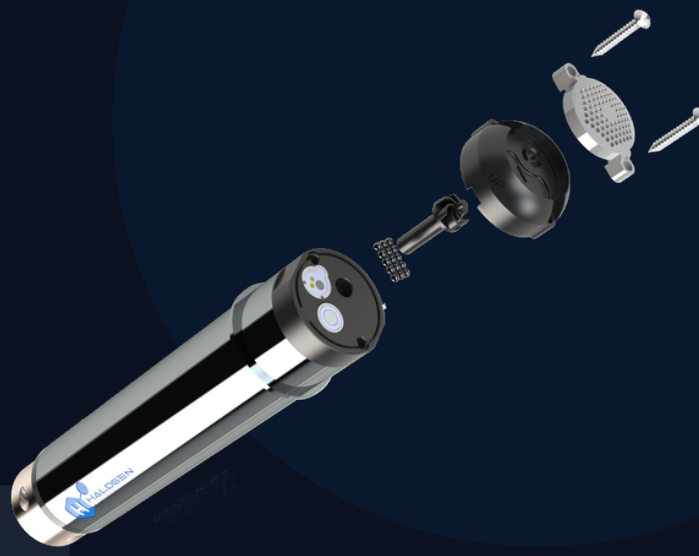
HALOGEN SYSTEMS

MULTIPARAMETER CHLORINE ANALYZER

The MP5-A.
Five parameters.
Zero reagents.

Bare-electrode amperometric technology with SensiCLENE self-cleaning. EPA Method 334.0 compliant. NSF-61 certified.



30ppb	±5%	6 mo
DETECTION LIMIT	ACCURACY (DPD)	CAL STABILITY

Why operators are switching to MP5-A

01
No Reagents. No Membranes.
Bare-electrode amperometric measurement eliminates consumable costs and the risk of running dry.

02
No Waste Stream
Save up to 70,000 gallons of non-revenue water per year. No sample line, no drain.

03
Self-Cleaning
SensiCLENE captive beads continuously polish electrodes and pH glass for months unattended.

04
True Free Chlorine
Real-time pH, temp, and conductivity compensation gives you the real free chlorine number.

05
Flow Independent
Integrated micro-pump delivers accurate readings regardless of line velocity (0-4 m/s).

06
NSF-61 & EPA 334.0
Certified for direct drinking water contact. Report-ready compliance data.

Install Virtually Anywhere



Wet Tap
D-H2WT-P



Immersion
D-H2LF-P



PVC Tee
D-H2MF-P



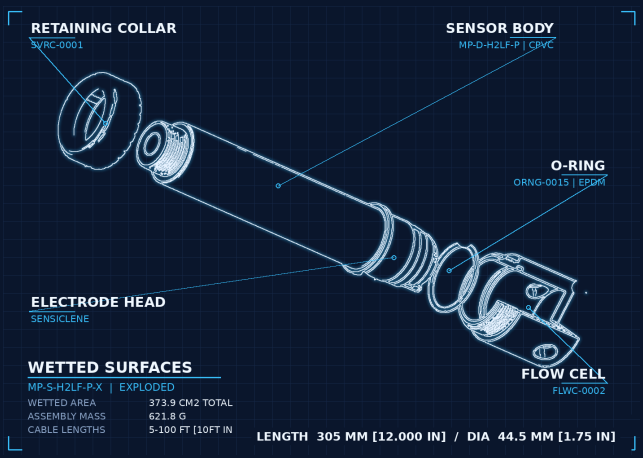
Panel Mount Kit
MKIT-1002

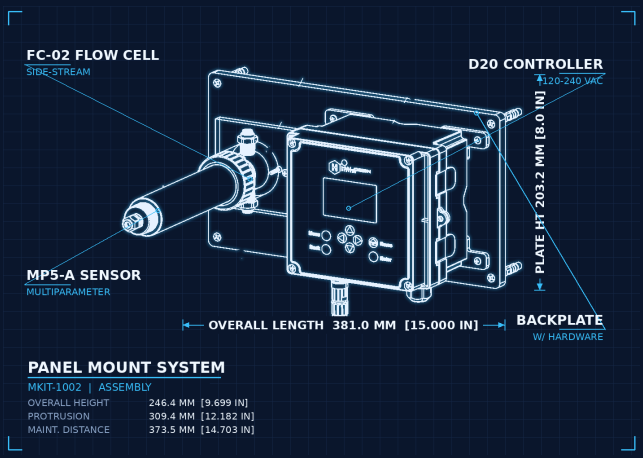
Technical Specifications

Measurement Method	Bare electrode amperometric	pH Range	6.5 - 9.0
Chlorine Range	0 - 10 ppm	Conductivity Range	50 - 15,000 uS
Limit of Detection	30 ppb (0.03 ppm)	Pressure Rating	-0.7 - 10 bar (145 psi)
Limit of Quantitation	40 ppb (0.04 ppm)	Sample Temp Range	0 - 45°C (32 - 113°F)
Resolution	0.001 ppm (1 ppb)	Storage Temp	-20 - 40°C (-4 - 104°F)
Chlorine Accuracy	±5%* or 0.06 ppm, greater	Max Flow Velocity	0 - 4 m/s
Temperature Accuracy	±1°C max, -10 to +85°C	Max Immersion Depth	30 ft+ / 145 psi
Conductivity Accuracy	±5% from 100-10,000 uS	Power	12 - 24 VDC @ 100mA
Calibration Stability	6 months typical	Cable	M12 4-pin, 5ft std (25ft/custom)
Measurement Interval	60 seconds	Dimensions	1.75" x 12" (45x305mm)
T90	90 seconds	Weight	1 kg
Turbidity Tolerance	Up to 3,000 ppm	Warranty	12 months

ENGINEERING REFERENCE

Assembly & Mounting Drawings





Accessories & Options

D20-H
D20 Controller 120/240V

PT-01
CPVC Pipe Adapter (2" Tee)

D20-OTA-H
D20 OTA Controller

RMR-WT
Wet Tap Remover (2" Corp Stop)

RMVRTL
Sensor Remover Tool

SensiCLENE captive-bead self-cleaning and an integrated micro-pump enable months of unattended, accurate operation in varying or zero-flow conditions - no membranes, no reagents, no waste stream.

MP-5F: no monochloramine interference in the free chlorine measurement.

NSF-61/372 Certified | EPA Method 334.0 Compliant | CE Compliant | BABA Compliant | Factory Calibrated