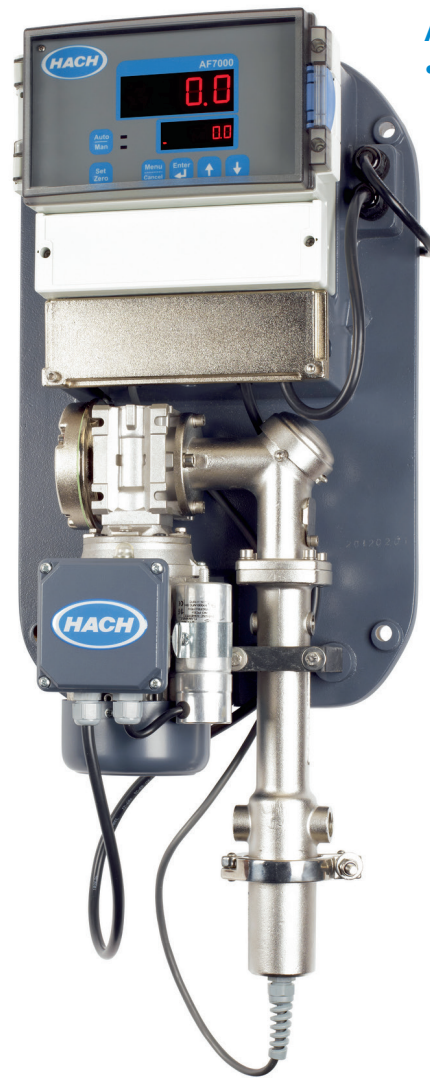


# AF7000 STREAMING CURRENT MONITOR

**Applications**  
• Drinking Water



## Toughness that won't quit means you'll know when to respond.

### Heavy Duty Construction with Serious Durability In Mind

Built with 316 Stainless Steel, the AF7000 is made for 24/7 monitoring of your source water.

### Industrial-Sized Motor for the Long Haul

With a typical motor performing over 130 million revolutions in a single year, the all-metal design provides confidence that your monitor can go the distance.

### The Industry's Fastest Response to Source Water Changes

The AF7000 has a 1-second response to any source water changes. The ability to react immediately to any change that occurs keeps the control in your hands.

### An Open and Uncomplicated Design Saves You Time

A simple and straightforward design allows for easy routine maintenance, saving you time so you can focus on other parts of your facility.

### Auto Zeroing in Under 5 Seconds

No complicated steps in confirming your monitors' accuracy—the AF7000 zeroes immediately with the push of a button.



Be Right™

## Specifications\*

<b>Compliance Certifications</b>	CE, cETLus (for UL 61010-1 & C22.2. No. 61010-1 safety standards)	<b>Relays</b>	Relay (2x); SPST; 5 A, 30 VDC resistive loads
<b>Response Time</b>	1 sec to 1 min adjustable average	<b>Communication</b>	Optional: 2x 4-20mA Outputs
<b>Sample Flow Rate</b>	Variable; 2-4L/minute recommended	<b>Pollution Degree</b>	2
<b>Humidity</b>	Maximum relative humidity 95% for temperatures up to 50°C (122°F)	<b>Protection Class</b>	I
<b>Sample Temperature Operating Temperature Range</b>	7 at 35 °C (45 to 95°F) 0 to 50 °C at 95% Relative Humidity (non-condensing)	<b>Power Requirements (Voltage)</b>	110 V AC 60 Hz at 3.2 A; 230 V AC 50 Hz at 1.6 A
<b>Storage Conditions</b>	-20 °C to 70 °C at up to 95% Relative Humidity	<b>Wetted Materials</b>	Stainless Steel, UHMW, Epoxy
<b>Connections</b>	1/2 inch BSP	<b>Dimensions Metric (H x W X D)</b>	750 mm x 320 mm x 250 mm
<b>Inputs</b>	Dual digital (2x); optically isolated; switch input to 5 to 24 V	<b>Weight</b>	47.4 lbs. (21.5 kg)
<b>Output</b>	4-20mA; Maximum load 500 2126, electrically isolated	<b>Warranty</b>	1 year

\*Subject to change without notice.

## Ordering Information

### Instruments

<b>LXV510.99.10000</b>	AF7000 Streaming Current Monitor, 110 VAC
<b>LXV510.99.11000</b>	AF7000 SCM w/Auto Flush, 110V
<b>LXV510.99.11010</b>	AF7000 SCM, AutoFlush, Water Weir & Grit Filter, 110V
<b>LXV510.99.20000</b>	AF7000 Streaming Current Monitor, 230 VAC
<b>LXV510.99.22000</b>	AF7000 SCM w/Auto Flush, 230V
<b>LXV510.99.22010</b>	AF7000 SCM, AutoFlush, Water Weir & Grit Filter, 230V

### Accessories and Expansion Options

<b>LZY763</b>	Relay Output Card
<b>LZY764</b>	4-20mA PID Controller Card
<b>LZY765</b>	Water Connections with Auto Flush Solenoid, 115V
<b>25088000</b>	Water Connections with Auto Flush Solenoid, 220V
<b>LZY766</b>	Water Connections without Auto Flush

### Maintenance Parts

<b>LZY755</b>	Cam Rod to Piston Linkage Replacement Kit
<b>LZY757</b>	Replacement Piston
<b>LZY756</b>	Replacement Streaming Current Sensor
<b>LZY758</b>	Sensor Bearing/ Washer Replacement Kit

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LIT2497 Rev 2

D14 Printed in U.S.A.

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In the interest of improving and updating its equipment,

Hach Company reserves the right to alter specifications to equipment at any time.



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