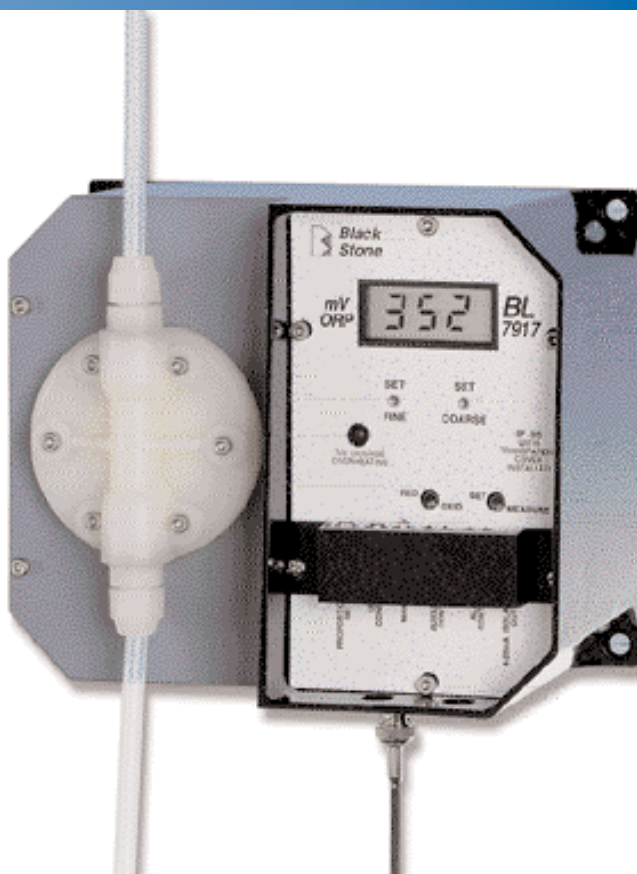


## ORP Controller and Pump

- ORP controller and dosing pump in one compact unit.
- $\pm 5$  mV accuracy with unbeatable performance.
- Isolated 4 to 20 mA recorder output.
- Proportional dosing slows the pump down when the measured ORP level approaches the set value which avoids over dosage of oxidizing or reducing agents.
- Alarm contact is activated whenever the ORP reading varies more than 200 mV from the set point.
- Auxiliary contacts allow the user to attach a mixer or priming pump that is activated only when the pump is dosing.
- Kynar®, Viton® and Teflon® materials are used for all parts that come in contact with the liquids being pumped.



### Specifications

	BL 7917D	BL 7917U
Range	-999 mV to +999 mV	
Resolution	1 mV	
Accuracy (@20°C/68°F)	$\pm 5$ mV	
Flow Rate	see table on page T1.50	
Input Impedance	$10^{12}$ Ohm	
Dosage	proportional, oxidizing or reducing, user selectable	
Recorder Output	4-20 mA (isolated)	
Dosing Contact	1 isolated contact, 2A, Max. 240V, resistive load, 1,000,000 strokes	
Alarm Contact	1 isolated contact, 2A, Max. 240V, resistive load, 1,000,000 strokes	
Power Supply	220/240V $\pm 15\%$ ; 50/60Hz (40W)	110/115V $\pm 15\%$ ; 50/60Hz (40W)
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Dimensions	181 x 221 x 142 mm (7.1 x 8.7 x 5.6")	
Weight	5 kg (11 lb.)	

### Ordering Information

BL 7917D is supplied with discharge and suction valves, polyethylene tubing, 220/240V power cable and instructions.

BL 7917U is supplied with discharge and suction valves, polyethylene tubing, 110/115V power cable and instructions.

### Accessories

HI 721101	Pumphead, O-ring and screws	HI 7091L	Reducing solution, 500 mL bottle
HI 721102	Discharge valve assembly	HI 7092L	Oxidizing solution, 500 mL bottle
HI 721103	Suction valve assembly	HI 767/P	Power plug (5 pcs.)
HI 721004	Injection valve assembly (required)	HI 7671/P	Output plug (5 pcs.)
HI 721005	Foot valve assembly (required)	HI 8427	pH / ORP electrode simulator
HI 721008	Ceramic weight (4 pcs.)	HI 931001	pH / ORP electrode simulator with display
HI 7020L	200/275 mV test solution, 500 mL bottle		

For accessories, see section U.

For a complete range of calibration, cleaning and maintenance solutions, see section F.