

Conductivity Mini Controllers Measuring in $\mu\text{S}/\text{cm}$

These HANNA instruments® mini controllers have been specially designed for the water conditioning and growing applications. Thanks to their compact size, they can be mounted in confined spaces or even right next to the vat or barrel containing the chemicals.

These meters permit automatic control of installations previously checked manually.

EC measurements are shown on the large display and the multicolored LED continuously indicates if the mini controller is in measurement, dosing or alarm mode.

BL 983313 measures in the 0 to 1999 $\mu\text{S}/\text{cm}$ range, **BL 983320** measures from 0.0 to 199.9 $\mu\text{S}/\text{cm}$ and **BL 983322** from 0.00 to 19.99 $\mu\text{S}/\text{cm}$.

You can also choose automatic or manual dosing mode with a switch on the front panel. Manual control is particularly useful during maintenance operations, because it permits you to enable or disable the dosing relay according to your need.

The overtime control system advises you when the relay is active for too long, helping to prevent overdosage.

Ordering Information

BL 983313-0 is supplied complete with mounting brackets, transparent cover, 12 Vdc power adapter and instructions.

BL 983313-1 is supplied complete with mounting brackets, transparent cover and instructions.

BL 983320-0 is supplied complete with mounting brackets, transparent cover, 12 Vdc power adapter and instructions.

BL 983320-1 is supplied complete with mounting brackets, transparent cover and instructions.

BL 983322-0 is supplied complete with mounting brackets, transparent cover, 12 Vdc power adapter and instructions.

BL 983322-1 is supplied complete with mounting brackets, transparent cover and instructions.



Specifications

	BL 983313	BL 983320	BL 983322
Range	0 to 1999 $\mu\text{S}/\text{cm}$	0.0 to 199.9 $\mu\text{S}/\text{cm}$	0.00 to 19.99 $\mu\text{S}/\text{cm}$
Resolution	1 $\mu\text{S}/\text{cm}$	0.1 $\mu\text{S}/\text{cm}$	0.01 $\mu\text{S}/\text{cm}$
Accuracy (@20°C/68°F)		±2% f.s.	
Probe (not included)	HI 7634-00		
Temperature Compensation	automatic, 5 to 50°C (41 to 122°F) with $\beta=2\%/^{\circ}\text{C}$		
Calibration	manual, with CAL trimmer		
Dosing Relay	1, max 2A (fuse protected), 250 Vac, 30 Vdc contact closed when reading exceeds setpoint value		
Setpoint	adjustable from 0 to 1999 $\mu\text{S}/\text{cm}$	adjustable from 0 to 199.9 $\mu\text{S}/\text{cm}$	adjustable from 0 to 19.99 $\mu\text{S}/\text{cm}$
Overtime	adjustable, typically from 5 to approx. 30 minutes		
Power Supply	models "-0": 12 Vdc adapter (included) models "-1": 115/230 Vac, 50/60Hz		
Dimensions	83 x 53 x 99 mm (3.3 x 2.1 x 3.9")		
Weight	models "-0": 200 g (7.1 oz.) / models "-1": 300 g (10.6 oz.)		

Accessories

HI 7634-00	EC/TDS probe with internal temperature sensor and 2 m cable	HI 7061L	Cleaning solution, 500 mL
HI 7031L	1413 $\mu\text{S}/\text{cm}$ calibration solution, 500 mL bottle	HI 710005	115 Vac/12 Vdc power adapter
HI 7033L	84 $\mu\text{S}/\text{cm}$ calibration solution, 500 mL bottle	HI 710006	230 Vac/12 Vdc power adapter
		HI 740146	Mounting brackets