

BL 983313

Low Range Conductivity Mini Controller @ 1999 $\mu\text{S}/\text{cm}$



Description

These HANNA® mini controllers have been specially designed for water conditioning and growing applications. Compact in 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 over dosage.

Specifications

Range	0 to 1999 $\mu\text{S}/\text{cm}$
Resolution	1 $\mu\text{S}/\text{cm}$
Accuracy	$\pm 2\%$ F.S.
Probe	HI 7634-00 (not included)
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 $\mu\text{S}/\text{cm}$
Overtime	adjustable, typically from 5 to approx. 30 minutes
Power Supply	See Chart
Dimensions	83 x 53 x 99 mm (3.3 x 2.1 x 3.9")
Weight	See Chart

Accessories

Electrodes

HI 7634-00	Conductivity and TDS Probe
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Solutions

HI 7031L	1413 $\mu\text{S}/\text{cm}$ ($\mu\text{mho}/\text{cm}$) 1 x 500 mL bottle
HI 7033L	84 $\mu\text{S}/\text{cm}$ ($\mu\text{mho}/\text{cm}$) 1 x 500 mL bottle
HI 7061L	General Purpose 1 x 500 mL bottle

Accessories

HI 710005	Voltage adapter from 115V to 12 Vdc (USA plug)
HI 710006	Voltage adapter from 230V to 12 Vdc (European plug)
HI 740146	Bracket for Installation of Process Meters

Order Info

The BL 983313 is supplied with mounting brackets, transparent cover, and instructions.

0 = 12 Vdc Power Adapter (included)
Weight - 200g (7.1 oz)
1 = 115/230 Vac; 50/60 Hz Power Supply
Weight - 300g (10.6 oz)

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