

Mini Controllers: BL 983313 - BL 983320 - BL 983322



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

- Ideal for Water Conditioning and Growing applications
- Can be mounted in confined spaces
- Automatic or manual dosing

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.

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.

Available Accessories:

HI 7634-00	EC/TDS probe
HI 7031L	1413 $\mu\text{S}/\text{cm}$ cal sol, 500 mL
HI 7033L	84 $\mu\text{S}/\text{cm}$ cal sol, 500 mL
HI 7061L	Cleaning solution, 500 mL
HI 710005	115 Vac/12 Vdc power adapter
HI 710006	230 Vac/12 Vdc power adapter
HI 740146	Mounting brackets

Specifications:

Range BL 983313	0 to 1999 $\mu\text{S}/\text{cm}$
Range BL 983320	0.0 to 199.9 $\mu\text{S}/\text{cm}$
Range BL 983322	0.00 to 19.99 $\mu\text{S}/\text{cm}$
Resolution BL 983313	1 $\mu\text{S}/\text{cm}$
Resolution BL 983320	0.1 $\mu\text{S}/\text{cm}$
Resolution BL 983322	0.01 $\mu\text{S}/\text{cm}$
Accuracy (@20°C/68°F)	$\pm 2\%$ f.s.
Probe (not included)	HI 7634-00
Temp.	automatic, 5 to 50°C (41 to 122°F)
Compensation	with $\dot{Y}=2\%/^{\circ}\text{C}$
Calibration	manual, with CAL trimmer
Dosing Relay	1, max 2A (fuse protected), 250 Vac, 30 Vdc
Setpoint BL 983313	adjustable from 0 to 1999 $\mu\text{S}/\text{cm}$
Setpoint BL 983320	adjustable from 0 to 199.9 $\mu\text{S}/\text{cm}$
Setpoint BL 983322	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.)