

BL 983329

TDS (Total Dissolved Solids) Mini Controllers



Description

These instruments have been designed for TDS control in hydroponics, horticulture and water conditioning. 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.

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

BL 983315 can control TDS from 0.0 to 199.9 ppm, BL 983319 from 0 to 1999 ppm, BL 983321 from 0.00 to 19.99 ppm and BL 983329 from 0 to 999 ppm.

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 too long, helping to prevent over dosage.

Models are available with power supply input at 115/230 Vac or 12 Vdc.

Specifications

Range	0 to 999 ppm
Resolution	1 ppm
Accuracy	±2% F.S.
TDS Conversion Factor	0.5
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 19.99 ppm
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 7032L	1382 ppm (mg/L) 1 x 500 mL bottle
HI 70442L	1500 ppm (mg/L) 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 983329 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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