SPECIFICATIONS

AD201

Range	0 to 1999 ppm
Resolution	1 ppm
Accuracy	± 2% full scale
Temperature compensation	Automatic
Conversion factor	0.5 ppm
Environment	0 to 50 °C 95 % Relative Humidity
Battery Life/Type	150 Hrs./4x1.5 V
Dimensions	173 x 41 x 22 mm

AD202

Range	0.00 to 10.00 ppt
Resolution	0.01 ppt
Accuracy	± 2% full scale
Temperature compensation	Automatic
Conversion factor	0.5 ppm
Environment	0 to 50 °C 95 % Relative Humidity
Battery Life/Type	150 Hrs./4x1.5 V
Dimensions	173 x 41 x 22 mm

ISTRAD201 09/14

USER MANUAL

AD201 & AD202
TDS Testers

- ***Direct readings: better resolution***
- ***Automatic temperature compensation***
- ***Easy to read display***

www.adwainstruments.com

Dear Customer,

Thank you for choosing an ADWA product.

Please read carefully this manual before starting operations.

For additional technical information, please e-mail us at:

sales@adwainstruments.com

WARNING

The enclosed product is intended for use by persons know-ledgeable in safe laboratory practices. Failure can result from surface damage, improper pressure or temperature, or use with improper chemicals. Information concerning limitations of ADWA products can be obtained from ADWA Kft.

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OPERATION

1. Remove the protective cap from the bottom of the tester.
2. Press ON/OFF button to turn the tester on.
3. Place the tip of the tester into the sample to be measured.
4. Record the conductivity value. The tester will automatically compensate temperature variations.
5. Press ON/OFF button to turn the tester off.

CALIBRATION

1. Switch the tester on by pressing ON/OFF button.
2. Place the tip of the probe into the calibration solution and wait for reading to stabilize:
- For AD201: use the 1382 ppm TDS solution.
- For AD202: use the 12.88 mS/cm conductivity solution and consider a conversion factor of 0.5: 12.88 mS/cm conductivity solution corresponds to 6.44 ppt TDS solution.
3. Using the screwdriver supplied, adjust the calibration trimmer on the back of the tester to match the calibration standard value:
- For AD201: 1382 ppm (mg/l)
- For AD202: 6.44 ppt (g/l)
4. The tester is now ready to use.

ALWAYS USE A FRESH SOLUTION FOR CALIBRATION.

MAINTENANCE

If readings became unstable, clean the probe by rinsing it in alcohol for ten minutes. If the readings fades or disappears, batteries should be replaced.

BATTERY REPLACEMENT

Open the battery compartment at the top of the tester. Place the batteries noting the polarity listed in the battery compartment.

ACCESSORIES

AD70030P	12.88 mS/cm EC standard solution, 25 x 20 ml
AD70032P	1382 ppm TDS standard solution, 25 x 20 ml

OPERATION

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