

## AD31-AD32

### Professional Waterproof Conductivity-TDS-Temperature Pocket Testers with replaceable probe

AD31 and AD32 are waterproof Conductivity, TDS and temperature testers. The housing has been completely sealed against humidity. All Conductivity and TDS readings are automatically temperature compensated (ATC), and temperature values can be displayed in °C or °F units. The Conductivity/TDS conversion factor (CONV) can be selected by the user, as well as the coefficient  $\beta$  (BETA) for temperature compensation. The instruments can be calibrated at one point. Measurements are highly accurate with a unique stability indicator right on the LCD. The models are also provided with a low battery symbol which warns the user to replace the batteries.



AD32P - Replaceable combination probe for AD31 and AD32

The AD32P probe supplied with the meters, is interchangeable and can be easily replaced by the user. The encapsulated temperature sensor allows fast and accurate temperature measurement and compensation



## AD33-AD35

### Professional Waterproof Conductivity-Temperature Pocket Testers with replaceable probe

AD33 and AD35 are waterproof Conductivity testers, that also measure and display temperature. The housing has been completely sealed against humidity. All Conductivity readings are automatically temperature compensated, and temperature values can be displayed in °C or °F units.

Conductivity calibration is automatic at one point, while temperature is factory calibrated and the user can perform an adjustment only. To prolong battery life, these models are provided with an auto-off feature that turns them off after 5 minutes of non-use.

Moreover, when batteries become too weak to ensure reliable readings the meter automatically turns off.



AD33P - Replaceable combination probe for AD33 and AD35

The AD33P probe supplied with the meters, is interchangeable and can be easily replaced by the user. The encapsulated temperature sensor allows fast and accurate temperature measurement and compensation



#### Battery percentage indicator [AD31, AD32]

After turn on the meter, all the used segments will be visible for one second (or as long as the button is pressed), followed by the percentage indication of the remaining battery life.



#### Automatic calibration

Simple and easy automatic 1 point calibration.

#### AD31 is supplied with

AD32P - EC/TDS/Temperature probe; AD70031 - 1413  $\mu\text{S}/\text{cm}$  calibration solutions in sachet (20 ml); Protective cap; Clip holder; Wrist strap; Batteries (4 x 1.5, button types); Instruction manual

#### AD32 is supplied with

AD32P - EC/TDS/Temperature probe; AD70030 - 12.88  $\text{mS}/\text{cm}$  calibration solutions in sachet (20 ml); Protective cap; Clip holder; Wrist strap; Batteries (4 x 1.5, button types); Instruction manual

#### AD33 is supplied with

AD33P - EC/Temperature probe, AD70031 - 1413  $\mu\text{S}/\text{cm}$  calibration solutions in sachet (20 ml); Protective cap; Clip holder; Wrist strap; Batteries (4 x 1.5, button types); Instruction manual

#### AD35 is supplied with

AD33P - EC/Temperature probe; Protective cap; Clip holder; Wrist strap; Batteries (4 x 1.5, button types); Instruction manual



#### Replaceable probe

Simple user-replaceable probe: just unscrew the plastic ring on the top of the electrode and replace the probe with a new one!

#### Accessories

- AD32P - Replaceable EC/TDS/Temperature probe [AD31, AD32]
- AD33P - Replaceable EC/Temperature probe [AD33, AD35]
- AD7033 - 84  $\mu\text{S}/\text{cm}$  calibration solution (230 ml bottle) [AD35]
- AD70030P - 12.88  $\text{mS}/\text{cm}$  EC standard solution (20 ml sachet, 25 pcs.) [AD32]
- AD70031P - 1413  $\mu\text{S}/\text{cm}$  EC standard solution (20 ml sachet, 25 pcs.) [AD31, AD33]
- AD70442P - 1500 ppm TDS standard solution (20 ml sachet, 25 pcs.)
- AD70000P - Rinse solution (20 ml sachet, 25 pcs.)
- AD7061 - Electrode cleaning solution (230 ml bottle)

	AD31	AD32	AD33	AD35
Range	EC	0 to 3999 $\mu\text{S}/\text{cm}$	0.00 to 20.00 $\text{mS}/\text{cm}$	0 to 1999 $\mu\text{S}/\text{cm}$
	TDS	0 to 2000 ppm	0.00 to 10.00 ppt	-
	Temp.	0.0 to 60.0°C / 32.0 to 140.0°F	0.0 to 60.0°C / 32.0 to 140.0°F	0.0 to 60.0°C / 32.0 to 140.0°F
Resolution	EC	1 $\mu\text{S}/\text{cm}$	0.01 $\text{mS}/\text{cm}$	1 $\mu\text{S}/\text{cm}$
	TDS	1 ppm	0.01 ppt	-
	Temp.	0.1°C / 0.1°F	0.1°C / 0.1°F	0.1°C / 0.1°F
Accuracy (at 25°C/77°F)	EC/TDS	$\pm 2\%$ f.s.	$\pm 2\%$ f.s.	$\pm 2\%$ f.s.
	Temp.	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$
Calibration	EC/TDS	Automatic, 1 point		
Temp. Compensation	Automatic			
Probe (Included)	AD32P - EC/TDS/Temp. probe AD32P - EC/TDS/Temp. probe AD33P - EC/Temp. probe AD33P - EC/Temp. probe			
Battery Type	4 x 1.5V Button type			
	Approx. 100 hours of use	Approx. 100 hours of use	Approx. 150 hours of use	Approx. 150 hours of use
Dimensions / Weight	175.5 x 39 x 23 mm / 100 g			

Electrodes, Probes and other Accessories see on page 18; Calibration, Rinse and other solutions see on page 20