

# EC/ TDS/Temp Benchtop Meter VisionPlus EC3175

**New**



## Features

- Large LCD displays conductivity and temperature simultaneously with backlight.
- Convenient one point calibration. Calibration data is stored in memory and is ready for use on power up.
- Accepts 2-wire conductivity cells with K=0.01, K=0.1, K=1.0 and K=10.0 cell constants for improved flexibility and accuracy.
- AC adaptor or battery power (low battery indicator).
- RoHS compliant.



## Specifications

Range	Conductivity /TDS (K=0.01)	0.000-1.999uS/cm; 2.00-19.99uS/cm 0.000-1.999mg/L; 2.00-19.99 mg/L
	Conductivity /TDS (K=0.1)	0.00-19.99uS/cm; 20.0-199.9uS/cm 0.00-19.99 mg/L; 20.0-199.9 mg/L
	Conductivity /TDS (K=1.0)	0.0-199.9uS/cm; 200-1999uS/cm; 20.00-19.99mS/cm 0.0-199.9mg/L; 200-1999mg/L; 2.00-19.99g/L
	Conductivity /TDS (K=10)	0-1999uS/cm; 2.00-19.99mS/cm; 20.0-199.9mS/cm 0-1999 mg/L; 2.00-19.99 g/L; 20.0-199.9 g/L
	Temperature	0.0-100.0
Resolution	Conductivity TDS (K=0.01)	0.001uS/cm; 0.01uS/cm 0.001mg/L ;0.01mg/L
	Conductivity TDS (K=0.1)	0.01uS/cm; 0.1uS/cm 0.01mg/L ; 0.1mg/L
	Conductivity TDS (K=1.0)	0.1uS/cm; 1uS/cm; 0.01mS/cm 0.1mg/L ; 1mg/L; 0.01g/L
	Conductivity TDS (K=10)	1uS/cm; 0.01mS/cm; 0.1mS/cm 1mg/L; 0.01g/L;0.1 g/L
	Temperature	0.1
Accuracy	Conductivity /TDS (K=0.01)	±0.5%FS
	Conductivity TDS (K=0.1)	±0.5%FS
	Conductivity TDS (K=1.0)	±0.5%FS
	Conductivity TDS (K=10)	±0.5%FS
	Temperature	± 0.2
Reference Temperature	From 15.0 to 25.0 , default is 25.0 ,	
Temperature Coefficient	From 0.00 to 4.00%, default is 1.91%.	
TDS Constant	From 0.30 to 1.00	
Electrode Type / Cell Constant	Two wire conductivity cell / 0.01, 0.1, 1.0, 10, default is 1.0.	
Temp Compensation	Auto / Manual 0.0-100.0	
Power	6 X 1.5 Volt AAA batteries or 115 / 230V AC adaptor.	
Operating Ambient Conditions	From 0-50 , at 90% RH.	
Case	IP-54 waterproof	
Weight / Dimensions (W x D x H)	504 grams (Including batteries) / 150mm x 203mm x 72mm	

## Accessories

TBA	Two-wire conductivity cell with 8 PIN connector, K=0.01 (0.00-20.00uS/cm). /TDS ( 0.000-1.999mg/L; 2.00-19.99 mg/L )
109L	Two-wire conductivity cell with 8 PIN connector, K=0.1 (0.0-200.0uS/cm). /TDS ( 0.00-19.99 mg/L; 2.0-199.9 mg/L )
106L	Two-wire conductivity cell with 8 PIN connector, K=1.0 (0.02-20.00mS/cm) /TDS. ( 0.0-199.9mg/L; 200-1999mg/L; 2.00-19.99g/L )
107N	Two-wire conductivity cell with 8 PIN connector, K=10.0 (1.0-200.0mS/cm). /TDS ( 0-1999 mg/L; 2.00-19.99 g/L; 20.0-199.9 g/L )
6007D115	115V AC adapter.
6007D230	230V AC adapter.
007N	Electrode holder arm.