

HM DIGITAL'S COM-100: The most features at the best price!

How the under \$100 waterproof EC/TDS meters stack up

LIST PRICE

\$65.00

\$86.00

\$89.95

\$62.00

THREE TRUE SCALE EC-to-TDS
CONVERSION FACTORS



THREE TRUE SCALE ATC
COEFFICIENTS



CALIBRATION ALLOWABLE TO
ANY POINT WITHIN RANGE



WIDE RANGE



AUTO-RANGING



0.1 ppm/ μ S RESOLUTION



EC & TDS READINGS



ON-SCREEN TEMP. DISPLAY



TEMPERATURE



DIGITAL CALIBRATION



REPLACEABLE ELECTRODES



WATERPROOF



**HM DIGITAL
COM-100**

**HANNA
DIST 5/6**

**OAKTON
(Eutech)
TDS/EC
Testr Series**

**MILWAUKEE
Sharp Waterproof
series**

** Oakton (Eutech) TDS/EC Testrpure+ models only.

* Oakton (Eutech) Plus series only.

If 2 different meters made by Hanna, 4 different meters made by Milwaukee and 20 different meters made by Oakton (Eutech) were all combined, they still wouldn't equal HM Digital's COM-100!

Photos not to scale.

www.tdsmeter.com

COMPARISON CHART OF WATERPROOF EC/TDS METERS UNDER \$100

Parameter Ranges	HM DIGITAL	EXTECH	HANNA		OAKTON (Eutech) Big Display Plus EC/TDS Testrs					MILWAUKEE			
	COM-100	EC400	DIST 5	DIST 6	Pure+	High	Pure+	Low	High	C65	C66	T75	T76
EC	0-9990 μ S	0-19.99 mS	0-3999 μ S	0-20.00mS	0-199.9 μ S	0-19.99 mS	-	-	-	0-1999 μ S	0-10 mS	-	-
TDS	0-8560 ppm	0-9990 ppm	0-2000 ppm	0-10.00ppt	-	-	0-199.9 ppm	0-1999 ppm	0-10.00 ppt	-	-	0-1999 ppm	0-9990 ppm
Salinity	-	0-9990 ppm	-		-					-			
Temperature	0-80°C, 32-176°F; .1°	0-65°C, 32-149°F; .1°	0-60°C, 32-140°F; .1°		0-50°C, 32-122°F; .1°					-			
Auto-Ranging	Yes	Yes	-		-					-			
Accuracy (non-temp)	+/- 2%	+/- 2%	+/- 2%		+/- 1% F.S.					+/- 2%			
Resolution	.1, 1, 10 ppm/ μ S	.1, 1 ppm/ μ S; .1°	1 ppm/ μ S	.01 ppt/mS	0.1 μ S	.01 mS	0.1 ppm	1 ppm	0.01 ppt	1 μ S	.01 mS	1 ppm	10 ppm
Calibration	Auto-Ranging digital to any value	Auto to 3 values	Auto to 1 value		Digital at 1 point (200-1990)					Manual to 1 value			
EC-to-TDS Conversion Factors	True non-linear KCl, 442, NaCl ratios	Static ratios (0.4-1.0)	Static ratios (0.45-1.0)		Static Ratios (0.40-1.0)					-			
ATC coefficients	3 scales for KCl, 442, NaCl	1 set (2%/°C)	Adjustable from 0 to 2.4		Automatic (set)					Automatic (set)			
Waterproof	Yes; Floats	Yes; Floats	Yes; Floats		Yes; Floats					Yes			
Electrodes	Replaceable Platinum	Replaceable graphite	Replaceable graphite		Replaceable graphite					Replaceable Steel			
Memory	Simple data hold	25 tagged readings	Simple data hold		Simple data hold					-			
Temp Display	Simultaneous (C/F)	Simultaneous (C/F)	Simultaneous (C/F)		Simultaneous (C/F)					-			
Display Size	17 x 23 mm	19 x 23 mm	22 x 20 mm		21 x 27 mm					9 x 19 mm			
Unit Size	185 x 34 x 34 mm	173 x 36 x 41 mm	163 x 40 x 26 mm		165 x 38 x 38 mm					178 x 25 x 25 mm			
Batteries	3 x 1.5 volts	4 x 1.5 volts	4 x 1.5 volts		4 x 1.5 volts					3 x 1.5 volts			
Low Batt Indicator	Yes	Yes	Yes		Yes					-			
Auto-Shut Off	After 5 minutes	After 10 minutes	After 8 minutes		After 8.5 minutes					-			
Extras	Lanyard, Case	Analog bar graph, neck strap, sample cup	Probe removal tool		Plastic storage case					Case, cal. solution, cal. screwdriver			
Warranty	One Year	One Year	One Year (6 mos for probe)		One Year (6 mos for probe)					2 Years			
List Price	\$65.00	\$89.00	\$86.00		\$89.95					\$62.00			