



Turbidity Meters Specifications	CyberScan Deluxe Bench TB 1000		Waterproof Turbidity Meter Single-Display TN 100	
				
Measuring Parameter	Turbidity			
Highlights	Turbidity bench, GLP, RS232		Light weight, IP67 waterproof meter	
Principle	Nephelometric non-ratio/ISO7027 compliant			
Range	0 to 1000 NTU			
Automatic Range Selection	0.00 to 9.99 NTU 10.0 to 99.9 NTU 100 to 1000 NTU		0.01 to 19.99 NTU 20.0 to 99.9 NTU 100 to 1000 NTU	
Resolution	0.01 NTU (0 to 9.99 NTU) 0.1 NTU (10 to 99.9 NTU) 1 NTU (100 to 1000 NTU)		0.01 NTU (0 to 19.99 NTU) 0.1 NTU (20.0 to 99.9 NTU) 1 NTU (100 to 1000 NTU)	
Accuracy	±2 % of reading		±2 % of reading ±1 digit for 0 to 500 NTU ±3 % of reading ±1 digit for 501 to 1000 NTU	
Repeatability	≤ ±1 % of reading			
Calibration	1 to 3 Points (automatic)		4 Points	
Response Time	< 6 Secs for full step change			
Sample Volume	30 ml		10 ml	
RS232 Output	Yes		-	
Power Requirements	UL, CSA Approved 12 V DC adapter		4x 1.5 V 'AAA' (>1200 Reading)	
Light Source	White light (tungsten) or infrared		Infrared-emitting diode (850 nm wavelength)	
Operating Temperature	0 to 40 °C		0 to 50 °C	
Dimensions (LxWxH); Weight	Meter	25.4 x 23.7 x 12.1 cm ; 1550 g	15.5 x 6.8 x 4.6 cm ; 200 g	
	Boxed	35.6 x 31.8 x 24.1 cm ; 2340 g	35.6 x 16.5 x 10.9 cm ; 1250 g	

Order Code	Part No.	Description
ECTBDW100020	01X259106	CyberScan TB 1000 white light Turbidity bench meter (NTU) with calibration kit (ECTBDWCALKT) & 220 VAC power adapter (EC220ADA800)
ECTBDW100010	01X259105	CyberScan TB 1000 white light Turbidity bench meter (NTU) with calibration kit (ECTBDWCALKT) & 120 VAC power adapter (EC120ADA800)
ECTBDIR100020	01X259104	CyberScan TB 1000 infra-red Turbidity bench meter (NTU) with calibration kit (ECTBDIRCALKT) & 220 VAC power adapter (EC220ADA800)
ECTBDIR100010	01X259103	CyberScan TB 1000 infra-red Turbidity bench meter (NTU) with calibration kit (ECTBDIRCALKT) & 120 VAC power adapter (EC120ADA800)
ECTN100IR	01X357301	Waterproof TN 100 infra-red Turbidimeter (NTU) with calibration kit (ECTN100CALKT), 3 sample vials (ECTN100CUVKT) & carrying case
Accessories		
ECTBDWCALKT	01X265101	Calibration kit set for ECTBDW1000 (0.02, 10.0, 1000 NTU)
ECTBDIRCALKT	01X265102	Calibration kit set for ECTBDIR1000 (0.02, 10.0, 1000 NTU)
ECTN100CALKIT	01X274802	Calibration kit set for ECTN100IR (0.02, 20.0, 100, 800 NTU)

