

Water Content Features

Features	TEROS 10	TEROS 11	TEROS 12	TEROS 54	ECH20 EC-5	ECH20 10HS
Measures volumetric water content	X	X	X	X	X	X
Measures temperature		X	X	X		
Measures EC			X			
Depths measured simultaneously	1	1	1	4	1	1
Individually normalized		X	X	X		
Can install manually	X	X	X		X	X
Install tool available	TBIT	TBIT	TBIT	TEROS 54 Install Tool	N/A	N/A
Install via borehole or trench	Either	Either	Either	Borehole	Either	Either
Quickest install/removal				X		
Maintenance-free	X	X	X	X	X	X
Compatible with verification clip	X	X	X			
Volumetric water content accuracy - generic calibration	±0.03 m ³ /m ^{3*}	±0.03 m ³ /m ^{3*}	±0.03 m ³ /m ^{3*}	±0.05 m ³ /m ^{3*}	±0.03 m ³ /m ^{3*}	0.00 - 0.57 m ³ /m ^{3*}
Volumetric water content accuracy - medium specific calibration	±0.01–0.02 m ³ /m ^{3**}	±0.01–0.02 m ³ /m ^{3**}	±0.01–0.02 m ³ /m ^{3**}	±0.02–0.03 m ³ /m ^{3**}	±0.02 m ³ /m ^{3**}	N/A
Analog vs digital	Analog	Digital	Digital	Digital	Analog	Analog
Uses capacitance technology	X	X	X	X	X	X
Maximum measurement volume	430 mL	1010 mL	1010 mL	300 cm ³ per segment	240 mL	1320 mL
Connects to ZENTRA	X	X	X	X	X	X
LEARN MORE	TEROS 10	TEROS 11	TEROS 12	TEROS 54	ECH20 EC-5	ECH20 10HS

* Generic calibration - typical in mineral soils that have solution EC

** Medium specific calibration - in any porous medium