

LaMotte 2020T Specifications

Turbidity Specifications:			
Mode	Ratiometric	Nephelometric	Attenuation
Unit of Measure 2020t	NTRU, NTU, ASBC, EBC	NTU, ASBC, EBC	AU, NTU, ASBC, EBC
Unit of Measure 2020i	FNRU, NTU, ASBC, EBC	FNU, NTU, ASBC, EBC	FAU, NTU, ASBC, EBC
Range	0-1,000 NTRU/FNRU 0-17,500 ASBC 0-250 EBC	0-100 NTU/FNU 0-1,750 ASBC 0-25 EBC	0-2,000 AU/FAU 0-35,000 ASBC, 0-500 EBC
Resolution	0-10.99 NTRU/FNRU: 0.01 11.0-109.9 NTRU/FNRU: 0.1 110-1000 NTRU/FNRU: 1	0-10.99 NTU/FNU: 0.01 11.0-100.0 NTU/FNU: 0.1	0-2000 AU/FAU: 1
Accuracy	0-2.5 NTRU/FNRU: ± 0.05 2.5-100 NTRU/FNRU: $\pm 2\%$ 100-1000 NTRU/FNRU: $\pm 3\%$	0-2.5 NTU/FNU: ± 0.05 2.5-100 NTU/FNU: $\pm 2\%$	0-2000 AU/FAU: ± 10 AU/FAU or 6%, whichever is greater
Detection Limit	0.05 NTRU/FNRU	0.05 NTU/FNU	10 AU/FAU
Reproducibility	0.02 NTRU/FNRU or 1%	0.02 NTU/FNU or 1%	1%
Range Selection	Automatic		
Light Source	2020t: Tungsten lamp 2300 °K ± 50 °K 2020i: IR LED 860 nm ± 10 nm, spectral bandwidth with 50 nm		
Detector	2020t: Photodiode, centered at 90° and 180°, maximum peak 400-600 nm 2020i: Photodiode, centered at 90° and 180°		