

Rheolution
TEST SMARTER



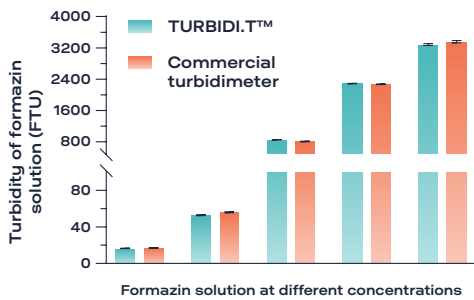
Technical notes | TURBIDI.T™

TURBIDI.T™ precisely measures turbidity of solutions over a wide range

TURBIDI.T™ is a technology that accurately measures the turbidity of solutions across a broad spectrum. Its effectiveness has been tested against an established turbidimeter and the results have indicated that both technologies yield consistent measurements for formazin solutions of varying concentrations.

	TURBIDI.T™	Old generation lab turbidimeters
Measurement range	0 FTU to 4000 FTU	0 FTU to 4000 FTU
Can it operate at multiple wavelengths?	✓ An emission cartridge with the desired wavelength may be placed at any time.	✗ Only one wavelength is available per instrument. It is necessary to acquire a new instrument to operate at a different wavelength.
Can it measure time evolving kinetics?	✓ The TURBIDI.T™ measures and displays sample's turbidity as a function of time to capture rapid time kinetics.	✗ Old generation turbidimeters usually don't measure time kinetics.
Can it accept multiple sample holders?	✓ You can select between Vials (2, 4 or 10 mL), Cuvette (4.5 mL) or PCR-Tube (200 µL).	✗ Instruments accept a single sample holder with a fixed volume of sample.
Can it adapt to meet specific applications?	✓ A TURBIDI.T™ may be augmented by simply ordering new optical cartridges to cover new applications.	✗ User has to acquire a new turbidimeter with specific features to meet new applications.
Can it integrate into a scalable network of multiple turbidimeters?	✓ Multiple TURBIDI.T™ units can be paired to the same operating tablet to form an integrated testing system.	✗ Each single instrument operates in silo. It is not possible to connect multiple instruments to form a testing system.
Does it connect with multiple instruments?	✓ Multiple TURBIDI.T™ units can simultaneously and remotely communicate test data with a single control tablet.	✗ Each turbidimeter operates on its own. Data and results are not shared.
Is it a data driven instrument?	✓ Data are measured or collected on a single App to form a comprehensive and usable database.	✗ Data are displayed in alphanumeric screens or exported in spreadsheets.

Comparison between TURBIDI.T™ and commercial turbidimeter



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Contact us today to start your Data-driven Science journey

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