

TECHNICAL DETAILS

SPECIFICATIONS
AT A GLANCE

TURBISCAN LAB



TURBISCAN TRILAB



TURBISCAN TOWER



TURBISCAN AGS



TURBISCAN DNS

System	TURBISCAN LAB	TURBISCAN TRILAB	TURBISCAN TOWER	TURBISCAN AGS	TURBISCAN DNS
Measuring principle	Static Multiple Light Scattering (SMLS)				
Measurement type	Stability & Shelf Life Studies			Dispersibility & Stability	
Sample volume	2 -20 mL			20 mL	4 or 20 mL
Temperature range	RT – 60°C	20 – 60°C	4 – 80°C	RT – 60°C (3 racks)	RT – 60°C
Number of samples	1	1 – 3	1 – 6	54	1
Sample concentration	0.0001 – 95% v/v				
Reproducibility / repeatability on latex standards	+/-0.05%/0.05%			+/-0.1%/0.05%	
Acquisition scan step	20 µm			40 µm	
Automatic sample recognition (barcode)					–
Standards	ISO/TR 13097:2013, ISO/TR 18811:2018, ISO/TS 22107:2021, ISO/TS 21357:2022, ISO 13317				
Mixing function	–	–	–	–	Up to 2000 rpm
Circulation function	–	–	–	–	Up to 1000 Cps / 1000 mPas
Software	Turbisoft	Turbisoft Trilab	Towersoft	Turbisoft AGS	Turbisoft & Turbisoft Fast
Dimensions	26 x 28 x 25 cm	38 x 48 x 58 cm	145 x 75 x 85 cm	38 x 45 x 90 cm	70 x 63 x 52 cm
Weight	8 kg	35 kg	50 kg	80 kg	30 kg
CE Certified					