Modulyzer Turbidity

Multiparameter analyzing system for combined density and turbidity measurement

Modulyzer Turbidity measures specific gravity and turbidity from one sample filling for injectables, infusions, vaccines, biopharmaceuticals, and liquid formulations. With its proven density measurement method and its robust, fully enclosed turbidity measuring module, the system requires minimal sample volume and offers various filling possibilities. Accurate temperature control helps you get the results you need quickly. Software features for regulated industries ensure complete traceability

Highlights

- Conduct combined density and turbidity measurement with 5 mL of sample

- Benefit from accurate temperature control throughout the whole measurement process

- No need to work with complex cuvettes

- Safely handle dangerous substances like aggressive chemicals or biologically active pharmaceuticals with help of a single sample changer

- Fill and measure a day's workload of samples with a multi-sample changer (if needed)

- Leverage compliance features like user management, audit trail, and electronic signature and approval processes

- Use our lab execution software, AP Connect, to collect, review, and organize measurement data directly from your computer

RECOMMENDED CONFIGURATION AND OPTIONS

	PRODUCT	RECOMMENDED	OPTIONAL
Density	DMA 4501	×	
Turbidity	Haze 3001	×	
Single-sample changer*	Xsample 320	×	
Lab execution eoftware	AP Connect		×

*If required, the system can be configured with a multi-sample changer Xsample 520 instead.

TECHNICAL SPECIFICATIONS

DENSITY

	DMA 4501
	↓
Accuracy	0.00005 g/cm³
Repeatability	0.000005 g/cm³

TURBIDITY

	Haze 3001
	↓
Measuring range	0 EBC to 100 EBC / 0 NTU to 400 NTU
Repeatability s.d.**	0.3 % of the measured value + 0.02 EBC / 0.08 NTU
Measurement uncertainty*	5 % of the measured value or 0.2 EBC / 0.8 NTU
Wavelength	650 nm

AUTOMATION

	Xsample 320	Xsample 520
	↓	↓
Filling mode	Peristaltic pump	
Magazine	No	24/48/96 positions

*According to formazine reference suspension

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