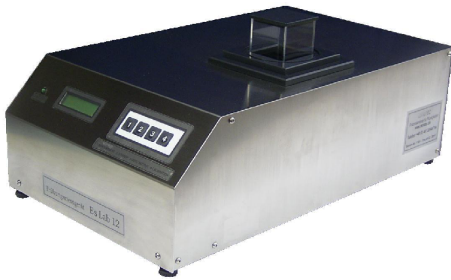


Model ES LAB 12 (Laboratory Analyzer)



picture similar

- measuring principle: 12° forward scattering
- range: 0 - 100 ppm, autoscaling
- units: ppm
(alternatives on request)
- light source: LED 860 nm acc. to ISO
(alternatives on request)
- measurement in: high precision cuvette
- sample volume: approx. 120 ml
- easy handling by keypad or
control by PC and user-friendly software
- calibration interval: 12 months

Description:

The laboratory instrument model Es Lab 12 is recording turbidity in liquids on the principle of 12° forward scattered light measurement.

In the basic version - without PC and software - the device is suitable for standard turbidity measurements.

An upgrade with the optional software in conjunction with a PC allows time and cycle-controlled monitoring:

- * number of instruments, number of measurements, time interval between measurements are freely selectable
- * evaluation and recording of relevant measurement parameters
- * calibration safe and comfortable by using the software.

An additional temperature-controlled sample chamber and a magnetic stirrer allow the monitoring of drinking water.

Another upgrade with a dosing pump makes the model Es Lab 12 to a full titrator.

The software controls the measurements cycles, the pump for the reagent and allows the evaluation, archiving and displays of the measurement series.

Typical applications in the field of

ground water *** operating water *** drinking water etc.

Technical details:

Power voltage:	115/230 VAC, 50-60 Hz	Light source:	LED (860 nm or on request)
Power consumption:	maximal 30 VA (ea. instrument)	Display:	LCD, 2 lines, 16 characters, highlighted
Range 12°	0 - 100 ppm autoscaling	Dimensions:	approx. 450 x 300 x 300 mm
resolution:	+/- 0,05 %	Weight:	approx. 10 kgs
Computer connection:	RS-232 interface/USB (optional)		