Model TA6-FS

- **Measurement range 90°: 0 – 250 EBC**
- **Measurement range 12°: 0 – 80 EBC**
- **Measurement sensitivity: 0.01 EBC**
- **Measurement units: EBC, TEF, ppm, ...**
- **Measurement directly in bottles**
- **Recommended calibration interval: 12 month**
- **Compensation for bottle scratches (water bath)**
- **Compensation of bottle colour**
- **Compensation of product colour**
- **Automatic bottle revolving**
- **Easy handling**

Description:

The laboratory turbidimeter model TA6-FS uses the principles of 12° forward- and 90° side scattered light to detect suspended particles in liquids. The instrument detects the turbidity of the liquid only, product- or bottle colour will not affect the measuring results. The measurement will be done directly in a bottle or in a cuvette. The bottle respectively cuvette, turns around its own axis during the measurement cycle. The water inside of the measurement chamber equalizes scratches and unevennesses of the bottles. The measurement result is calculated from average of 200 measurements per bottle rotation. A ratio measurement of direct- / scatter light assure additionally for highly reliable and repeatable measurement results. Comparing 12° and 90° measurement results will allow conclusion of particle size distribution inside the measured liquid.

Applications:

- Laboratory turbidity measurement
- Product quality
- Forcier- Test

Operational areas:

- Breweries
- Beverages
- Wine- / Juice production
- Chemical industry

Technical Data:

Supply voltage:	115 / 230 VAC, 50 - 60 Hz	Display:	alphanumeric LCD (backlit)
Power consumption:	maximum 50 VA	Reproducibility:	± 1 %
Range 12° scatter light:	0 – 80 EBC	Temperature:	5°C - 50°C
Range 90° scatter light:	0 – 250 EBC	Dimensions:	450 x 300 x 300 mm³
Measurement cycle:	> 15 seconds	Weight::	approx. 9 Kg
Interface:	RS232 C		

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