

Portable turbidity meter Turbimax CUE25

Handheld meter for on-site quality control in drinking and process water applications



More information and current pricing:

www.be.endress.com/CUE25

Benefits:

- Easy on-site verification of your processes
- Easy on-site verification of your online measurement loops
- Guided calibration according to predefined standards
- Waterproof for use in any wet environment
- Rugged carrying case containing everything needed

Field of application: Turbimax CUE25 portable turbidity meter offers a grab sample measurement compliant to EN ISO 7027. It allows verification of your online turbidity measurements and control of your processes directly on-site. Operation is simple: fill the cuvette, insert it into the measuring chamber and get an instant reading. In addition, Turbimax CUE25 provides guided calibration according to predefined standards, helping to streamline maintenance.

Features and specifications

Turbidity

Measuring principle

Single beam scattered light

Turbidity

Application

Turbimax CUE25 / CUE26 are compact handheld meters for the measurement of turbidity in the field. They are suitable for the following fields of application

- " Drinking water
 - " Process water
 - " Wastewater
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Characteristic

- " Rugged carrying case containing everything needed
 - battery pack
 - calibration standards
 - manual
 - " Waterproof case provides use in any wet environment
 - " Versions with infrared light source
 - " Auto ranging 0.01 ... 1100 NTU
 - " Simple calibration procedures
 - " Reusable calibration standards
 - " Long-life batteries
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Measurement range

0.01 ... 1100 NTU/FNU

Measuring principle

Turbidity measurement using standardised 90° scattered light method acc. to ISO 7027/EN27027(Infrared Light)

Design

The transmitted infrared light beam is scattered by the solid matter particles in the medium. The scattered light beams are detected by scattered light receivers which are arranged at an angle of 90° to the light source.

Material

Instrument housing: ABS, injection molded
Sample cuvette: Borosilicate glass
Carry case: High density polyethylene blow molded

Turbidity

Dimension

Instrument:

H x W x L: 48 x 70 x 165 mm / 1.875 x 2.75 x 6.50 inches

Instrument in carry case

H x W x L: 63 x 250 x 216 mm / 2.50 x 10 x 8.50 inches

Process temperature

0 ... 50 °C

34...122°F

Ingres protection

IP 67 / NEMA 4x

More information www.be.endress.com/CUE25