Product name:	Product code:
Light Transmission and Opacity Tester for Tank Material	CMI-IND-0177

Description

Photometric tester that measures how much light passes through the wall of a water storage tank sample. Used to confirm that tanks inhibit algae growth in stored water.

Technical specification

- Calibration filter
- Sample holder

A tank wall sample is placed between a stable light source and a detector, and the percentage transmitted is recorded. Low transmission is required for tanks to prevent algae and bacterial growth. The instrument is a simple check for multi-layer tanks with black inner layers.

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Features

- Stable LED light source
- Silicon photodiode detector
- Display of percent transmission
- Sample holder for 50 mm discs
- Zero and span calibration

Technical Specifications

Range	0 - 100 % transmission
Resolution	0.01 %
Light Source	White LED 400 - 700 nm
Sample Size	50 mm disc or larger plate
Standards	IS 12701 light transmission clause, ASTM D1003 (principle)
Power Supply	230 V AC, 50 Hz

Standard Accessories