



SMRI Colour & Turbidity Meter

PRINCIPLE OF OPERATION

It is a dual wave length on line photometer which measures the absorbance of light by the sugar solution at 880 and 470 nanometers. The measurement at 880nm is independent of colour whereas that at 470nm is a function of colour and turbidity. The true colour is calculated from the measured colour and the turbidity reading.

APPLICATIONS

Typical applications are on liquors after first and second clarification and after filters and before and after decolourising plant.

BENEFITS OF A COLOUR AND TURBIDITY METER

1. Measures colour and turbidity simultaneously.
2. For use in refineries on all products from sugar melt to fine liquor.
3. Self calibrating with automatic calibration checks hourly.
4. Local display of colour and turbidity.
5. Simple maintenance. Cleaning of cell windows required once per week.
6. Alarms for instrument malfunction and measurements exceeding set points.
7. Solid state light sources and sensors for extreme ruggedness.
8. Easy to use menu keypad.



Contact : William Spaul
Tel : 00 27 (0) 31 201 0285 /
Fax : 00 27 (0) 31 202 7359
Cell: 27 (0) 73 001 7422
Email : enquiries@sugarequip.com
<https://sugarequip.com/>