

# Lovibond® Colour Measurement Tintometer® Group



## Petroleum Oils Comparator (AF650)

ASTM Oils Scale, 3-Field Visual Measurement



- Compact, Visual Measurement System for Single Scale Measurements
- Self-Contained, Includes Everything Needed to Measure the Scale
- Easy-To-Use, Fast & Accurate
- 3-Field Viewing for Optimum Accuracy

Part Number: 345030

### Accurate Determination of the ASTM Oils Scale

The AF 650 incorporates 16 glass standards which make up the scale in a pair of discs

### Fast Determination of Colour Value

You can directly compare the sample with the colour values for quick results.

### Easy to Achieve Optimum Colour Accuracy

The advantage of a 3-section field of view is that the sample and two consecutive glasses on the colour scale are viewed simultaneously, making it easier and quicker for you to achieve the ideal colour match.

### Facilitates Tolerance Level Setting

For rapid colour grading within predetermined colour limits, the glass standards can be set to the two limiting colours so that it is easy to check that the sample is within tolerance.

### Guaranteed Constant Lighting Conditions

In the instruments, the tungsten halogen light source is colour corrected to CIE standard illuminant C\*, which guarantees constant lighting conditions for colour grading.

### Compliance to Standards

Each Comparator 3000 is supplied with the correct cells for the appropriate path length determined by the standard.

\* In the EBC version, the C filter is replaced by the B filter as required by the standards.

## Industry

Oil and Gas

## Application

Petroleum Oils and Waxes

## Petroleum Oils Comparator (AF650)

A 3-field instrument for visually determining the colour of petroleum oils & waxes samples according to the ASTM Color scale by direct comparison with coloured glass filters.

## Technical Data

**Applicable Standard** ASTM D1500  
ASTM D6045  
ISO 2049

**Colour Type** Transparent

**Portability** Benchtop

## Delivery Scope

- **Comparator 3000**
- **1 Pair glass discs**
  - 0.5, 1.5, 2.5, 3.5, 4.5, 5.5, 6.5, 7.5
  - 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0
- **3 x Cylindrical glass sample jars**

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