Lovibond® Colour Measurement
Tintometer® Group

Petroleum Oils Comparator (AF650)
ASTM Oils Scale, 3-Field Visual Measurement

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  |

| Color 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