

# Lovibond® Colour Measurement

Tintometer® Group



## AF 650

### Petroleum Oil Comparator (POC)

**3-Field determination with Comparator 3000**

References:

ASTM D1500, ISO 2049, IP 196, DIN 51 578, BS 5859, JIS K2580,  
NFT 60-104, NBN T52-109, FTMS 791 102

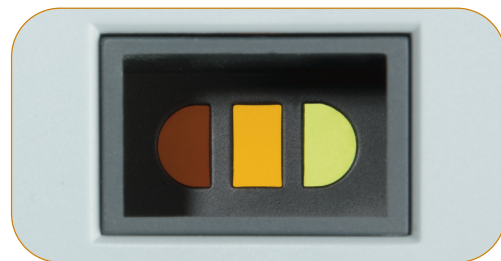
# Lovibond® POC / AF 650

## 3-field Colour Grading

### Colour Grading according to the ASTM D1500 Colour Scale

The new Comparator 3000 Petroleum Oil Comparator (POC) / AF 650 is an enhanced design of the former Lovibond® instrument, combining the strengths of both previous instruments with a number of significant advantages:

- ✓ Improved appearance and ergonomics
- ✓ Constructed from ABS (Acrylonitrile Butadiene Styrene) Fire Retardant Plastic. This robust, chemically resistant material is ideal for industrial environments.
- ✓ Single press of large switch illuminates sample for one minute (two presses = two minutes, three presses = three minutes). So no energy and bulb wastage
- ✓ Halogen, long life, light source combined with standard daylight filters ensures full compliance with former units and consistency from unit to unit
- ✓ Low voltage power supply
- ✓ Disk values read directly from disks
- ✓ Disk can be simply, but securely, removed allowing replacement if necessary
- ✓ A new replaceable white insert is included with each instrument to ensure correct lighting levels are preserved
- ✓ Packs of 3 white insert replacements can be ordered when needed
- ✓ Fully removable sample chamber allows quick clean-up of inevitable spillages



A single scale, 3-field instrument for visual colour grading by direct comparison between the sample and Lovibond® glass colour standards housed in a pair of discs. 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 to achieve the optimum colour match.

A single scale, 3-field instrument for visual colour grading by direct comparison between the sample and Lovibond® glass colour standards housed in a pair of discs. 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 to achieve the optimum colour match. 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. The tungsten halogen light source is colour corrected to CIE standard illuminant C, which guarantees constant lighting conditions for colour grading. The samples are measured in 10.65 mm diameter clear glass tubes.

