

Lovibond® Colour Measurement

Tintometer® Group



Comparator 3000

Visual Colour Grading

3-Field determination with Comparator 3000



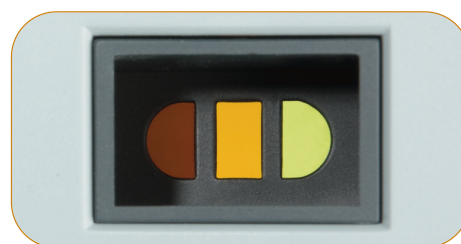
Lovibond® Comparator 3000

3-field Colour Grading

Visual Grading of Gardner, FAC or US Naval Stores Rosin Colour Scales

Single scale, 3-field instruments 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. Versions of the Comparator 3000 are available for the Gardner, FAC and US Naval Stores Rosin Colour scales, each supplied with the appropriate range of coloured glass filters. In the instruments, the tungsten halogen light source is colour corrected to CIE standard illuminant C, which guarantees constant lighting conditions for colour grading. In the EBC version, the C filter is replaced by the B filter as required by the standards. Samples are measured in clear glass tubes or Rosin cells as appropriate.

Version	Colour Scale	Range	Path length
AF228	Gardner Colour	1 - 18	10 mm
AF229	FAC Colour	1 - 45 (odd numbers)	10 mm
AF670	Rosin, US Naval Stores	XC - D	7/8"
AF607	EBC, European Brewing Convention	2-27 units	25mm



Lovibond® Gardner Comparator 3000

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.



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

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