

# Lovibond® Colour Measurement Tintometer® Group



## Gardner Comparator (AF228)

Gardner 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: 345010

### Accurate Determination of the Gardner Scale

The AF 228 incorporates 18 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.

## Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Oil and Gas

## Application

Chemicals | Edible Oils and Fats | Petroleum Oils and Waxes

## Gardner Comparator (AF228)

A 3-field instrument for visually determining the colour of petroleum oils & waxes, chemicals and edible oils & fats samples according to the Gardner scale by direct comparison with coloured glass filters.

## Technical Data

**Applicable Standard** ASTM D509  
ASTM D1544  
ASTM D6166

**Color Type** Transparent

**Portability** Benchtop

## Delivery Scope

- **Comparator 3000**
- **2 x Glass Discs**
  - 4/30-1 (left hand) 1, 3, 5, 7, 9, 11, 13, 15, 17
  - 4/30-2 (right hand) 2, 4, 6, 8, 10, 12, 14, 16, 18
- **2 x Test Tubes 10.65mm diameter**



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