

# Lovibond® Colour Measurement Tintometer® Group

## AF324 Maple Syrup Disc (IMSI)

IMSI Maple Syrup Disc for Visual Measurement



- Unique Design for the New Maple Syrup Grading Standards (IMSI)
- Fast, Economical & Portable Visual Matching
- Two-Field Vision for Accurate Results
- Ability to Guarantee Constant Lighting Conditions

Part Number: 433240

### Quality Control of Maple Syrup through Color Grading According to the International Maple Syrup Institute

The AF 324 is unique to measure according to the IMSI standards. It comprises 4 different color classes and descriptions:

Golden Maple Syrup with a Delicate Taste

- Color not less than 75% Tc

Amber Maple Syrup with a Rich Taste

- Color 50-74.9% Tc

Dark Maple Syrup with Robust Taste

- Color 25-49.9% Tc

Very Dark Maple Syrup with a Strong Taste

- Color less than 25% Tc

% Tc refers to the percentage of light transmission through maple syrup.

The IMSI Maple Syrup disc has recently been upgraded. For a step-through-guide on how to update the disc, please view the [video](#).

### Fast, Economical & Portable Visual Matching

The Comparator 2000+ is a flexible, modular system for Visual Colour Grading. Using a suitable comparator instrument and glass disc, you can quickly visually match the sample directly against the calibrated, colour stable glass standards.

### Two-Field Vision for Accurate Results

Lovibond® comparator instruments include an integrated prism which causes the sample and comparison fields to overlap, allowing enhanced colour discrimination and matching. The prism is ultrasonically sealed to prevent contamination of the optics. Each individually graded glass standard represents a discrete step on the

measurement range (as opposed to a continuous graduation), aiding colour discrimination and allowing great accuracy of results.

### Ability to Guarantee Constant Lighting Conditions

An optional item for the Comparator 2000+ is the Daylight 2000 Lighting Unit. This is a standardised light source which guarantees you a constant lighting condition for accurate colour grading. This is particularly useful when the sample is very pale in colour. By using a Lovibond® lighting unit, you can be confident of uniform lighting conditions for colour matching, 24 hours a day and irrespective of ambient lighting.

### Extended Shelf Life

The unique feature of Lovibond® test discs is that they incorporate coloured glass standards that are colour stable and not affected by UV light or extreme environmental conditions.

Please note, we cannot guarantee compatibility of discontinued Lovibond® Comparator 1000 disks with the Lovibond® 2000+ Comparator.

### Industry

Food and Beverage Industry

### Application

Food and Beverage | Sugar Solutions, Syrups and Honey

## AF324 Maple Syrup Disc (IMSI)

The Comparator 2000+ is an easy-to-use, entry level colour measurement system that compares the colour of the sample directly against the colour of glass in a disc. All you need to do is rotate the disc to get the closest result to the scale to measure in compliance to the IMSI Maple Colour Scale.

### Technical Data

<b>Applicable Standard</b>	IMSI
<b>Color Type</b>	Transparent
<b>Portability</b>	Portable

## Delivery Scope

- 1 x Lovibond® 2000+ Comparator
- 1 x Maple Syrup Disc IMSI
- 2 x W680.0G.25mm Cell
- 1 x Instruction Card



**SPHERA GROUP s.r.o.**  
**info@sphera-group.cz**  
**Tel: +420 226 886 248**  
**Průmyslová 7 Business Park**  
**102 00 Praha, Czech Republic**