

# 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 Color Grading. Using a suitable comparator instrument and glass disc, you can quickly visually match the sample directly against the calibrated, color 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 color 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 color 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 standardized light source which guarantees you a constant lighting condition for accurate color grading. This is particularly useful when the sample is very pale in color. By using a Lovibond® lighting unit, you can be confident of uniform lighting conditions for color matching, 24 hours a day and irrespective of ambient lighting.

### Extended Shelf Life

The unique feature of Lovibond® test discs is that they incorporate colored glass standards that are color 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 color measurement system that compares the color of the sample directly against the color 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 Color Scale.

### Technical Data

**Applicable Standard** IMSI

**Color Type** Transparent

**Portability** Portable

## Delivery Scope

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

**Tintometer GmbH**  
Lovibond® Water Testing  
Schleefstraße 8-12  
44287 Dortmund  
Tel.: +49 (0)231/94510-0  
sales@lovibond.com  
www.lovibond.com  
Germany

**The Tintometer Limited**  
Lovibond House  
Sun Rise Way  
Amesbury, SP4 7GR  
Tel.: +44 (0)1980 664800  
Fax: +44 (0)1980 625412  
sales@lovibond.uk  
www.lovibond.com  
UK

**Tintometer China**  
Room 1001, China Life Tower  
16 Chaoyangmenwai Avenue,  
Beijing, 100020  
Tel.: +86 10 85251111 App. 330  
Fax: +86 10 85251001  
chinaoffice@tintometer.com  
www.lovibond.com  
China

**Tintometer South East Asia**  
Unit B-3-12, BBT One Boulevard,  
Lebuh Nilam 2, Bandar Bukit Tinggi,  
Klang, 41200, Selangor D.E  
Tel.: +60 (0)3 3325 2285/6  
Fax: +60 (0)3 3325 2287  
lovibond.asia@tintometer.com  
www.lovibond.com  
Malaysia

**Tintometer Brazil**  
Caixa Postal: 271  
CEP: 13201-970  
Jundiaí – SP  
Tel.: +55 (11) 3230-6410  
sales@tintometer.com.br  
www.lovibond.com.br  
Brazil

**Tintometer Inc.**  
6456 Parkland Drive  
Sarasota, FL 34243  
Tel: 941.756.6410  
Fax: 941.727.9654  
sales@lovibond.us  
www.lovibond.com  
USA

**Tintometer India Pvt. Ltd.**  
Door No: 7-2-C-14, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Floor  
Sanathnagar Industrial Estate,  
Hyderabad, 500018  
Telangana  
Tel: +91 (0) 40 23883300  
Toll Free: 1 800 599 3891/ 3892  
indiaoffice@lovibond.in  
www.lovibondwater.in  
India

**Tintometer Spain**  
Postbox: 24047  
08080 Barcelona  
Tel.: +34 661 606 770  
sales@tintometer.es  
www.lovibond.com  
Spain

Technical changes without notice  
Printed in Germany

Lovibond® and Tintometer® are Trademarks of the Tintometer Group of Companies