

# Lovibond® Colour Measurement Tintometer® Group



## EC 2000 Gardner

Progressing from Visual to Automatic Colour Measurement



- 2 Field Comparator View & Numeric Results
- Visual Representation Aligned to the Comparator 2000
- Validation Liquid and Glass Standard Included
- Immediate and Accurate, Straight from the Box

Part Number: 162020

### Dual Ability to View Colour Measurement

On-screen colour  
On-screen numerical display

### Easy Transition from Visual to Electronic Measurements

Some colour graders who are used to the traditional comparator series sometimes find the upgrade to an electronic system daunting. The assurance of relying on physical colour difference is diminished. This transition has now been made easy.

### Touch Screen Technology

Enables you to easily programme the instruments with instinctive menus on screen.

### Programmable Settings

You can set language\*, date and time, view preferences and create projects with individual tolerance settings.

### On-Screen Warning System

You can react immediately to results that might be out of tolerance with immediate information on the sample.

Within tolerance = green  
Outside tolerance = red  
On border of tolerance = amber

### User Friendly Ergonomics and Intuitive Interface

You are guaranteed to be up and running quickly and easily supported.

### Easy storage and sharing of results

Large data storage (> 20,000 readings) and USB connectivity ensure your results can be stored and easily shared.

### Single Scale Measurement

The EC 2000 Gardner provides you an individual scale to measure Gardner Colour (ASTM D 1544, ASTM D 6166, AOCS Td 1a, MS 817 Part 10).

\* Supported languages: English, French, German, Spanish, Italian, Chinese, Japanese, Russian.

## Industry

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

## Application

Petroleum Oils and Waxes

## EC 2000 Gardner

The EComparator series advances colour measurement, enabling you to progress from Visual (subjective) to Electronic (objective) results. With the EComparator series, you can now view the colour difference with on-screen colour and on-screen numerical display.

## Technical Data

<b>Applicable Standard</b>	ASTM D1544 ASTM D6166
<b>Color Type</b>	Transparent
<b>Display</b>	Size: 3.5 inch; Resolution: 320 x 240; Colour: 24 Bit (True Colour)
<b>Interfaces</b>	USB
<b>Internal Storage</b>	> 20,000 readings
<b>Power Supply</b>	USB 2.0 (mini USB plug) 4 batteries (AA)
<b>Portability</b>	Portable
<b>Languages User Interface</b>	German, English, French, Spanish, Italian, Russian, Chinese, Japanese
<b>Dimensions</b>	106 x 57 x 210 mm

## Delivery Scope

Portable case including:

- EC 2000 instrument
- 1 x W100 OG 10mm glass cell
- 3 x W100 10mm plastic cells
- 1 x glass reference standard
- 1 x clear glass standard
- 1 x liquid reference standards
- Power supply (UK, EU, US plug)
- USB cable
- Screwdriver
- Pot of 4 x AA batteries

## Accessories

Title	Part Number
USB Power supply unit for EC 2000	190620
USB Cable 2.0 A - Micro B plug	190630
50 mm Plastic disposable cells	352101

### Tintometer GmbH

Lovibond® Water Testing  
Schleefstraße 8-12  
44287 Dortmund  
Tel.: +49 (0)231/94510-0  
Fax: +49 (0)231/94510-30  
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 AG

Hauptstraße 2  
5212 Hausen AG  
Tel.: +41 (0)56/4422829  
Fax: +41 (0)56/4424121  
info@tintometer.ch  
www.tintometer.ch  
Switzerland

### 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,  
Lebu 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@tintometer.com  
www.lovibondwater.in  
India

### Tintometer Spain

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