

# Lovibond® Water Testing

Tintometer® Group



## EC 2000 - Platinum Cobalt

- **Tristimulus (RGB) Readings**
- **50 mm path length allows for accurate low-level readings**
- **Display Results with On-Screen Color and Numerical Options**
- **For Platinum-Cobalt - Hazen - APHA - ASTM D1209 Readings**
- **Liquid and Glass Reference Standards to Verify and Maintain Accurate Readings**
- **20,000 point data storage with USB Connection for data transfer**

[www.lovibond.com](http://www.lovibond.com)

## Instrument Specifications

Color Scale	Platinum-Cobalt / APHA / Hazen Color
Standard	ASTM D1209
Range	0 - 500
Resolution	1 Pt-Co Unit
Repeatability	± 3% or ±1 unit
Path Length	50 mm
Comparator View	2 Field
Light Source	White LED
Sensors	Tristimulus Detectors, Reference & Sample
Display	Size: 3.5 inch Resolution: 320x240 Color: 24 Bit (True Color)
Touchscreen	Resistive
Keypad	3 key tactile membrane
Sample Chamber	up to 50 mm path length
Cell Type	W100 Spectrophotometer
Verification	Glass or liquid reference standards
Instrument Housing	ABS
Dimensions (l x w x h)	210 mm x 106 mm x 57 mm
Power Supply	4 x AA Battery or 9V via USB cable
Interfaces	USB 2.0 (mini)
Data Storage	> 20,000 readings
Maximum Sample Temperature	80°C

The EC 2000 for Platinum Cobalt measurements is a colorimeter for measuring the color of water. Features of the instrument include:

- 50 mm path length is ideal for achieving accurate readings from 1 Pt-Co Unit
- Use of plastic or glass sample cells
- Battery or AC powered - with a small laboratory footprint
- Easy interpretation of Results:
  - On-screen color comparison mode
  - Direct reading mode
- Touch-screen Technology
  - Instinctive menus
  - Easily set time, date, review preferences and create projects
- On-screen warning system to provide the user with immediate feedback on the sample
  - Within Tolerance = Green;
  - Outside Tolerance = Red;
  - On Border of Tolerance = Amber

The instruments are equipped with an integrated light shield to protect the sample from ambient light and a flexible path length and cell choice (plastic or glass) for flexibility of application.

With robust casing and a small laboratory footprint, the EC 2000 Platinum-Cobalt is the ideal solution for users wishing to experience the benefits of immediate, accurate, electronic readings: the best of both worlds.

## Ordering Information

Item Description	Part Number
EC 2000 Pt-Co Includes: 3 x plastic cells, 1 x glass cell, 2 x Liquid Reference Standards, 2 x Glass Standards, batteries and power supply with USB cable	162010
W100 50 mm OG Cell	60 10 70
W100 50 mm Plastic Cell, pk/50	35 21 01
EC 2000 Pt-Co 0, 60 ml	13 50 59
EC 2000 Pt-Co 15 (±1), 60 ml	13 50 49
Pt-Co 30 Conformance Filter	13 51 19
Cleaning Cloth for Cells	19 76 35
Conformance Filter Calibration	CAL3
USB Power Supply Unit	19 06 20
USB A to USB Micro Cable	19 06 30



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