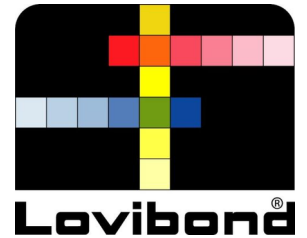


# Lovibond® Colour Measurement Tintometer® Group



## Lovibond® ICx

Setting new standards in accurate, repeatable Platinum Cobalt, APHA, and Hazen colour measurement.



- Exceptional accuracy and repeatability at very low Pt-Co values for precise assessment of almost colourless liquids
- Chemically resistant aluminium chassis engineered for durability in harsh lab environments
- Compact and efficient design – small footprint conserves valuable laboratory bench space
- User-friendly operation with intuitive touch interface, onboard help functions, and built-in method guidance

Ürün No: 169300

### Accurate

The Lovibond® ICx delivers unrivalled precision at very low Pt-Co measurement levels—essential in applications where clarity and colourlessness indicate product quality.

- Accuracy:  $\pm 0.5$
- Repeatability:  $\pm 0.2$
- Reproducibility:  $\pm 0.3$  (at Pt-Co 5)

These values are achieved when measured against Lovibond® Premium Pt-Co 5 liquid reference standards derived from ISO 17025-certified primary batches. This precision results from uniquely designed high-precision spectrophotometric optics and Lovibond's extensive expertise in colorimetric data processing.

### Simple

The ICx offers straightforward operation with an intuitive touch interface, built-in method guidance, and easy access to results.

- Quick sample measurement and result display
- Built-in data storage for over 100,000 measurements
- Compact footprint to save valuable laboratory bench space
- Onboard help function and user prompts for efficient workflow

Lovibond's global network of Authorised Service Centres provides application and technical support whenever needed, ensuring ongoing reliability and user confidence.

### Reliable

The operational performance of the ICx can be verified and calibrated using Lovibond Premium Pt-Co Liquid Reference Standards.

Each Platinum Cobalt reference solution is precision-formulated to achieve extremely low tolerances ( $\pm 0.8$  on the Pt-Co 10 standard solution).

All standards are gravimetrically prepared using OIML-traceable weights and verified with a top-tier spectrophotometer that undergoes routine calibration and OQ/PQ verification.

With over a century of experience in colour science, Lovibond is synonymous with quality, precision, and trust. Proudly made in the United Kingdom, the ICx comes with a 2-year manufacturer's warranty for complete peace of mind.

### Robust

The Lovibond® ICx is engineered for demanding laboratory environments where resistance to chemicals and accidental spills is essential.

- Chemically resistant aluminium chassis (not plastic)
- Fully sealed optical and electronic components to prevent liquid ingress
- Optional PTFE cell holder for exceptional resistance to chemical attack—even from aggressive substances

By integrating the ICx into routine quality control workflows, laboratories can:

- Detect impurities or colour shifts early in production
- Validate purification or stabilisation processes
- Ensure consistency across batches
- Support continuous improvement and reduce costly rework

## Performance Data

Standard Value	(Pt-Co) Accuracy*	Reproducibility*	Repeatability*
5	±0.5	±0.3	±0.2
10	±0.75	±0.7	±0.5
20	±1.20	±1.0	±1.0

\* Tolerance values achieved using Lovibond® Premium Pt-Co Liquid Reference Standards derived from ISO 17025-certified primary batches under controlled laboratory conditions.

## Sanayi

Diğer Sanayiler | İlaç Sanayi | Kimya Sanayi | Yağ ve Gaz | Yiyecek-ve İçecek Sanayi

## Uygulama

İlaç ve Kozmetik | Kimyasallar

## Lovibond® ICx

The Lovibond® ICx is designed for laboratories that demand exceptional accuracy in colour measurement, especially at the low end of the Platinum Cobalt (Pt-Co), APHA, Hazen colour scale. Compact, precise, and intuitive to operate, the ICx ensures quick, repeatable results for assessing the colour and clarity of transparent liquids.

## Teknik Veri

<b>Applicable Standard</b>	ASTM 313 ASTM D1209 ASTM D1925 ASTM E308 ISO 6271
<b>Model</b>	Lovibond® ICx
<b>ışık Kaynağı</b>	12 Volt 20 watt tungsten halogen lamp
<b>Ölçüm Prensipleri</b>	Benchtop Transmission Spectrophotometer
<b>Doğruluk</b>	Pt-Co 5: ±0.5, Pt-Co 10: ±0.75, Pt-Co 20: ±1.20
<b>Ekran</b>	Colour LCD (4.3")
<b>Arayüzler</b>	USB RS 232
<b>Yörünge Uzunluğu</b>	0.1 – 152.4mm (6")
<b>Kalibrasyon</b>	Single key press; fully automated
<b>Dahili Depolama</b>	100,000+ measurements
<b>Ölçüm Süresi</b>	Less than 10 seconds
<b>Dokunmatik</b>	Hayır
<b>Giriş Voltajı</b>	Universal (110 – 250 V ac) 60W, 24V, via external (UK, EU and USA plugs as standard)
<b>Uygunluk</b>	CE RoHS WEEE
<b>Diller Kullanıcı Arabirimi</b>	İngilizce, Fransızca, Almanca, İtalyanca, İspanyolca, Rusça, Çince, Japonca, Portekizce
<b>Boyutlar</b>	301 x 152 x 331 mm

## Teslimat Kapsam Metni

- Lovibond ICx Instrument
- External Power Supply
- Set of power leads (UK, European, United States and China)
- Quick start guide
- USB memory stick (containing Manuals)
- Certificate of conformity
- Certificate of calibration
- W600/B/100 cell (borosilicate, 100mm path length)
- Lovibond ICx guide to good laboratory practice
- Conformance filter (CIEL\*a\*b\*)
- Quality control report

### Başlık

W600/B/100 borosilikat cam  
W600/OG/100 için hücre kapağı

### Ürün No

656030  
690514

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