

# Lovibond® Colour Measurement

Tintometer® Group



## Lovibond® PFXi Range

### Enhanced Features of the PFXi range

- ✓ NEW enhanced Password controlled security settings and forced user id entry allow controlled access, so no data loss or mistakes due to operator error. Both are, of course, optional.
- ✓ NEW enhanced local language support (contact [sales@tintometer.com](mailto:sales@tintometer.com) for full list of available languages).
- ✓ NEW customisable display shows selected scales. Multiple colour scales are easily scrolled through.
- ✓ NEW optional sample heater unit allows solid, usually impossible to measure, fats and waxes to be melted and maintained in a liquid form. Unlike previous models the PFXi heater does not require factory fitting. (Please note: Heater available for PFXi-995, 950 & 880 Series and not PFXi-195's).
- ✓ NEW Graphical displays allow quicker assessment of complex data.
- ✓ The calculation and description of off-hue status allows accurate analysis of selected colour scale.
- ✓ NEW Average Batching allows multiple samples to be measured in order to create a new master standard.

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- ✓ NEW greatly enhanced memory allows that 100,000's of standards can be stored permitting the creation of references and customised colour scales unique to your company.
- ✓ NEW Alphanumeric input allows easy input of sample names and complex passwords.
- ✓ NEW RCMSi technology (Remote Calibration & Maintenance Service via internet). This unique Lovibond® feature allows a calibrated measurement to be taken using an ISO 17025 certified liquid standard. The spectral response is transmitted to The Tintometer Ltd's secure calibration server in Amesbury, UK. On completion of this procedure, a traceable calibration certificate is e-mailed to the user. The RCMSi system not only gives the user added confidence that the instrument is working within tight ISO standards but also reduces the need for expensive on-site servicing and preventative maintenance of the unit.
- ✓ NEW RCMSi "Starter pack" is shipped with each PFXi.
- ✓ NEW Windows colour control software allows instrument configuration, comprehensive analysis and exporting of data on a linked PC (via RS-232 or NEW USB.)
- ✓ NEW USB option for export of data.
- ✓ NEW components have been selected for the manufacture of the PFXi range – guaranteeing longer-term availability and easier in-field support.

## Other PFXi features also contained in the PFX

The optics within the PFXi and PFX series give identical results. A supplier using a PFXi can compare data with a customer using a PFX.

### The PFXi range has inherited the key strengths of the PFX series:

- ✓ Accurate, automatic, spectral data based non-subjective colour measurement.
- ✓ User friendly ergonomics and intuitive interface ensures new users can be quickly trained and easily supported.
- ✓ The instruments' very rugged, steel construction offers excellent chemical resistance when measuring chemically aggressive samples.
- ✓ Removable steel sample chamber ensures easy maintenance.
- ✓ Extensive and flexible choice of colour scales reduces initial cost.
- ✓ Remote upgrade feature allows the easy addition and upgrading of colour scales once in service.
- ✓ Steel sample chamber allows the handling of hot samples with high melting points.
- ✓ The instrument's filament lamp is very stable and easily replaceable after a long lifetime.
- ✓ Conformance filters and liquid colour references standards are available for the principal colour scales.
- ✓ PFXi's can accommodate a range of sample cells and tubes guaranteeing that the appropriate cell path length (PFXi-195's; 1 mm - 50 mm: PFXi-995, 950 & 880 Series; 0.1mm - 153mm) can be selected to comply with internationally set AOCS, ISO and ASTM standards.
- ✓ A spare bulb is shipped with every instrument as well as appropriate cells for the scales selected.



- ✓ The Tintometer Ltd's long history combined with the PFXi's and PFX's wide acceptance in industry ensures that your customers and suppliers will often be using the same instrument, so ensuring clear and accurate communication.

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