Lovibond® Colour Measurement

Tintometer® Group

Lovibond® V-block Sample Holder

For Use with the RT 300, 400 & 500 Series

The Lovibond® V-Block Sample Holder is a fixture designed to hold small odd-shaped parts while being measured with a Lovibond® RT range Spectrophotometer. The fixture ensures consistent and repeatable colour measurements of objects such as cosmetic cases (lipstick and eye liner), pen bodies, small moulded bottles and plastic bottle pre-forms.

Accessory V-Blocks

√ 2.5” Diameter

√ 1.9” Diameter

Lovibond® V-Block Sample Holder

The fixture mounts directly on the Spectrophotometer shoe, secured with two easily accessible thumbscrews. The V-Block accepts objects ranging from 0.5” to 1.25” in diameter. The V-Block pivots, allowing the object being measured to be parallel to the Spectrophotometer’s sample port. Once the angle is established it can be locked in place with two thumbscrews.

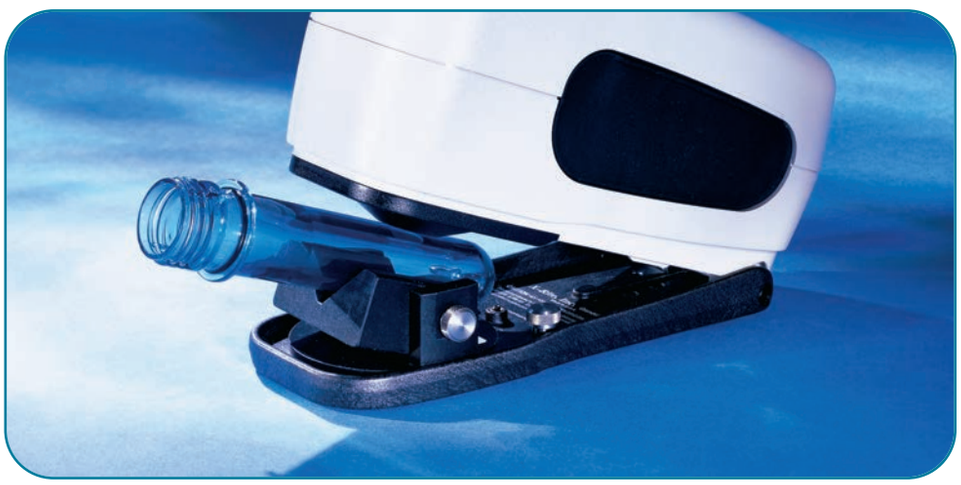
Operating Instructions

1. Enable the ‘Read Key Function’ on the Spectrophotometer (refer to operation manual).
2. Open the shoe via the Shoe Latch (refer to operation manual)
3. Place the Mounting Base in position on the shoe so the mounting holes align with the brass inserts and secure with two (2) Thumbscrews.
4. Ensure the two (2) V-Block pivot Thumbscrews are loose enough to allow the V-Block to pivot.
5. Close the instrument shoe so it latches in the closed position.
6. Place the object to be measured in the ‘V-Block.’
7. Close the shoe against the reading nose allowing the V-Block to pivot until the object is parallel to the sample port.
8. While holding the object against the sample port, lock the V- Block in place by tightening the two Thumbscrews.
9. Press the instrument ‘Read’ key to take a measurement.

Application notes

Since the curved surface affects the light reflected from the sample, the measured values should be used for relative colour difference comparisons to a reference sample of the same geometry. A part considered to match the standard colour sample should be used as the standard for checking colour on other parts being produced.

When measuring samples that have non-uniform colour, several measurements at different locations should be arranged for each reading.



Contents

- √ Mounting Base
- √ Thumbscrews (4)
- √ V-Block
- √ Instruction leaflet

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