



Non-Contact Imaging Spectrophotometers

MetaVue™ VS3200



Industry-Leading Non-Contact Color Measurement

For industrial applications in [coatings](#), [plastics](#), cosmetics and more, accurate, consistent color is vital. Whether measuring plastic parts, cosmetics, or liquid coatings, this versatile, non-contact imaging spectrophotometer can speed up color formulation, production color

checks and quality control operations, reducing waste and rework while shrinking cycle time. This is especially important in environments with frequent production color changes.

The MetaVue VS3200 non-contact imaging spectrophotometer delivers unmatched versatility and color measurement accuracy. Its unique capabilities streamline measurements in both lab and quality control operations. Manufacturers can take advantage of MetaVue non-contact imaging to measure difficult samples such as small and non-planar items as well as liquids, pastes, powders and gels without contaminating the instrument.

Benefits:

- Features flexibility and ease of use, with aperture sizes ranging from 2mm to 12mm, enabling users to measure a wider variety of samples.
- Delivers precise digital targeting, allowing the user to quickly and easily select the exact target area being measured.
- Provides stored image samples, ensuring users have a measurement audit trail and easy retrieval of images for future reference.
- Integrates into existing workflows, eliminating the need to build new databases. Backward compatible with X-Rite [VS450](#) and [964](#) data.

MetaVue VS3200 is intuitive and easy to use with a retractable location-aware sample positioner that improves the user experience and is easy to clean. It integrates with powerful X-Rite [Color iMatch](#) and [Color iQC](#) software for fast, accurate colorant formulation and efficient quality control operations. Adaptable accessories include an [instrument stand](#) to place the instrument three inches above the table with replaceable trays that slide in and out for easy measurement of pastes, powders and liquids; an [adjustable stand](#) for accurate measurement of samples with varying thickness; and a [benchtop stand](#) that converts the instrument to a benchtop with a sample arm for measuring objects such as plastic parts. Includes green check tile and calibration certificate. Use optional [NetProfiler](#) software to verify and optimize instrument performance.

Specifications

Aperture	2mm to 12mm
Communication Interface	USB
Dimensions (length, width, height)	9.75" W x 7.1" H x 7.25" D
Humidity	0% to 85% (non-condensing)

Illumination Spot Size	14 mm
Image Contact During Measurements	Non-Contact
Industry Standards	ASTM D2244, ASTM E179, ASTM E308, ASTM E1164, CIE 158722
Instrument Display	No Display
Inter-Instrument Agreement	0.15 avg CIELAB
Light Source	Full spectrum LED
Measurement Cycle Time	< 8 seconds
Measurement Geometry	45°/0° imaging spectrophotometer
Measurement Spot	2mm to 12mm
Measurement Working Distance	Up to 3.1mm
Package Dimensions (length, width, height)	15.5" W x 11.5" H x 11.25" D
Photometric Range	0% to 150% reflectance
Photometric Resolution	10nm intervals

Reflectance Aperture(s)	2mm to 12mm
Short Term Repeatability - White	0.025 CIELAB
Software Development Kit	Yes
Spectral Analyzer	DRS filter wheel
Spectral Range	400nm - 700nm @ 10nm intervals
Spectral Reporting	400nm - 700nm @ 10nm intervals
Status Panel	Tri-Color LED
Storage Temperature Range	-20°C to 70°C
Unit Color	Black and Silver
Voltage	Universal power supply, 100-240 VAC
Weight	5.55 pounds