

Which company offers the best benchtop spectrometer for Sri Lanka



Overview

What is a Benchtop Spectrophotometer? A benchtop spectrophotometer is a high-precision laboratory instrument designed to measure the intensity of light absorbed, reflected, or transmitted by a sample.

Key Takeaways

The X-Rite Ci7800 benchtop spectrophotometer is widely regarded as the top choice in Sri Lanka for precision, repeatability, and color-critical applications. Top Suppliers and Models¹.

X-

Rite Ci7800 (via Vericass Sri Lanka) The Ci7800 offers exceptional measurement precision with ≤ 0.08 average dE^* inter-instrument agreement and repeatability of $\leq 0.01 dE^*$, making it ideal for industries requiring tight color tolerances.

It can measure opaque, translucent, and transparent samples, and supports multiple apertures and UV filters for diverse materials like textiles, plastics, paints, and coatings. The instrument integrates with X-Rite Color iQC software for quality assurance and provides automated setup, digital targeting, and environmental monitoring to ensure consistent results. ².



Presto Instruments Presto Instruments supplies high-precision benchtop spectrophotometers suitable for laboratories and industrial applications. Their devices are known for accurate, repeatable, and reliable color and spectral measurements, making them suitable for research, quality control, and product development. 3.

Islandwide Scientific (ISS) ISS is a leading distributor of analytical and laboratory instruments in Sri Lanka, offering a wide range of benchtop spectrophotometers from reputed global partners. They provide strong after-sales support, consultancy, and service for universities, research institutions, and industrial labs. 4.

Carlton Lanka Pvt Ltd Carlton Lanka is recognized for quality laboratory and industrial equipment, including spectrophotometers. They emphasize reliability and performance for both research and industrial applications. 5.

Laboid International Laboid International supplies a diverse range of spectrophotometers with a focus on precision, durability, and performance. They maintain extensive inventory and efficient logistics, ensuring prompt delivery and support for scientific and industrial users.

Recommendation

For high-precision, color-critical applications, the X-Rite Ci7800 is the most advanced option available in Sri Lanka, offering superior inter-instrument agreement, repeatability, and software integration. For general laboratory or industrial use, Presto Instruments, Islandwide Scientific, Carlton Lanka, and Laboid International provide reliable alternatives with strong local support and service. When choosing a spectrometer, consider measurement accuracy, repeatability, software compatibility, sample types, and after-sales support to ensure the instrument meets your specific laboratory or industrial requirements.

Article Content

Benchtop Spectrophotometer Manufacturer & Price, Supplier in Sri

What is a Benchtop Spectrophotometer? A benchtop spectrophotometer is a high-precision laboratory instrument designed to measure the intensity of light absorbed, reflected, or transmitted by a sample.

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