

ADVANCED SPECTROSCOPY & MATERIAL ANALYSIS

Raman Imaging Microscope

Maps chemical composition across a sample by combining Raman spectroscopy with microscopy.

DESCRIPTION

Records a Raman spectrum at every point across a sample and builds an image from the chemical differences between them. The result shows where each component sits within a tablet or a coating, rather than only what the bulk contains.

APPLICATIONS

Distribution and blend uniformity in solid dosage forms, polymorph mapping, coating thickness and layer integrity, foreign particle identification.

METHOD & COMPLIANCE REFERENCE

Raman spectroscopy is described in USP <1120> and Ph. Eur. 2.2.48.

SUPPLIED AND SUPPORTED IN BANGLADESH

- Import, customs, delivery, site preparation and installation.
- IQ/OQ qualification, scheduled calibration and validation support.
- Genuine spare parts, consumables and operator training in Dhaka.

Specifications, capacities and model options vary by configuration and are confirmed with each quotation. This sheet is generated from our product catalogue; the full manufacturer datasheet is available on request.