

BWTEK

Your Mobile Spectroscopy Partner

A Metrohm Group Company

QTRam[®] Portable Raman System for Content Uniformity



The QTRam[®], powered by B&W Tek's STRaman[®] technology, is a portable transmission Raman spectrometer able to penetrate through solid samples over a large sample volume for rapid, nondestructive pharmaceutical testing.

Applications

- Content Uniformity
- Counterfeit Detection
- Formulation Development

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Features:

- Versatile STRaman technology with high sensitivity and high throughput for transmission Raman spectroscopy
- Step-by-step, easy-to-follow quantitative modeling and method development
- Easy-to-use 21 CFR Part 11 compliant software for quick results and reporting
- Portability for in-line, at-line, or laboratory analysis
- Customizable sample holders to accommodate most sample dimensions

Specifications:

Model	BWS475-785H-CU
Laser Source	785 nm
Software	21 CFR Pt.11 Compliant BWAnalyst®
System Configuration	Transmission Raman
Power Options	
Power Adaptor Input	100-240V AC 50/60 Hz
Battery	Optional, up to 4 hours continuous operation
Physical	
Dimensions	15.7 in x 10.2 in x 9.8 in (40 cm x 26 cm x 25 cm)
Weight	~19.5 lbs (~8.8 kg)
Operating Temperature	0 °C – 35 °C
Humidity	10% - 85%, non-condensing

Benefits

- Rapid quantitative results in seconds
- Quantitative sample composition, crystallinity and polymorphic form from single measurement
- No sample preparation
- No consumables
- No disposal cost
- USP-approved transmission Raman for content as required by USP 905

