



High Performance, Portable FT-NIR QuasIR™ Series



QuasIR™ 2000 Fiber Optic FT-NIR



QuasIR™ 3000 Integrating Sphere FT-NIR



QuasIR™ 4000 Transmission & Integrating Sphere FT-NIR

Portability without Compromise

- Compact and Portable
- Easy-to-use
- Suitable for the road, lab, or factory
- Low cost of ownership
- Low maintenance
- Direct calibration transfer
- Rugged, insensitive to vibration
- Wide operating temperature range
- Flexible, easy-to-use software
- Instrument-to-instrument consistency

QuasIR™ 2000 specific:

- Universal SMA 905 fiber connection

QuasIR™ 3000 specific:

- Large 23mm sampling area for reflectance measurements

QuasIR™ 4000 specific:

- Transmission sample chamber with optional temperature control

Designed to offer a new kind of NIR analysis solution, the QuasIR™ series brings together the portability required to move NIR analysis closer to the point-of-need with unmatched spectroscopic performance for the fastest, most accurate results.

The heart of the QuasIR™ is our PermAlign™ optic technology, an innovative optical design that maintains alignment and performance under conditions from the routine to the extreme. Because the QuasIR™ is designed for portability, it is engineered to achieve high performance, even in harsh conditions such as temperature extremes common in field use or in the presence of vibrations often experienced in plant conditions.

QuasIR™ instruments utilize the Spectral Sage™ Software Suite, which includes a toolbox of powerful yet easy-to-use functions for method development. Spectral Sage EZ provides a simple streamlined user interface for deployment in the factory or field.

Every QuasIR™ system is built for unrivaled consistency and direct methods transfer with no loss in performance so you can expand your QuasIR™ fleet with confidence.



Specifications:	QuasIR™ 2000 Fiber Optic	QuasIR™ 3000 Integrating Sphere	QuasIR™ 4000 Transmission & Integrating Sphere
Dimensions (WxDxH)	35.5 x 24.1 x 14.5cm	44.0 x 24.1 x 14.5 cm	44.0 x 24.1 x 14.5 cm
Weight	< 8.2kg (< 18 lbs.)	< 8.85kg (< 19.5 lbs.)	< 9.6kg (< 21.2 lbs.)
Sampling Interface	Two standard SMA 905 connectors; Different types of probes and accessories	High performance gold-coated integrating sphere, 23mm sampling area	1) High performance gold-coated integrating sphere, 23mm sampling area 2) Transmission cell with optional temperature control
On-line/Process	✓		
At-line	✓	✓	✓
Applications:			
Food Adulteration Detection	✓	✓	✓
Food Authentication	✓	✓	✓
Animal Feed Analysis		✓	✓
Edible Oils Analysis			✓
Counterfeit Drugs	✓		
Coal		✓	
Coffee/Tea		✓	✓
Beer/Wine/Liquor			✓
Pharma Raw Material ID	✓		
Pharma Manufacturing	✓	✓	✓
Polymers/Plastics	✓	✓	✓
Baked Goods		✓	✓
Ethanol			✓
Tobacco		✓	
Refining	✓		✓
QA/QC	✓	✓	✓



Accessories:



Diffuse Reflectance Probe
(QuasIR™ 2000 only)



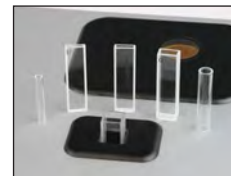
Sample Spinner
(QuasIR™ 3000/4000)



98mm Sample Cups
(QuasIR™ 3000/4000)



Holders for Spinner
(QuasIR™ 3000/4000)



Various Curvettes and Vials -
up to 10mm
(QuasIR™ 4000 only)



Traveling Case