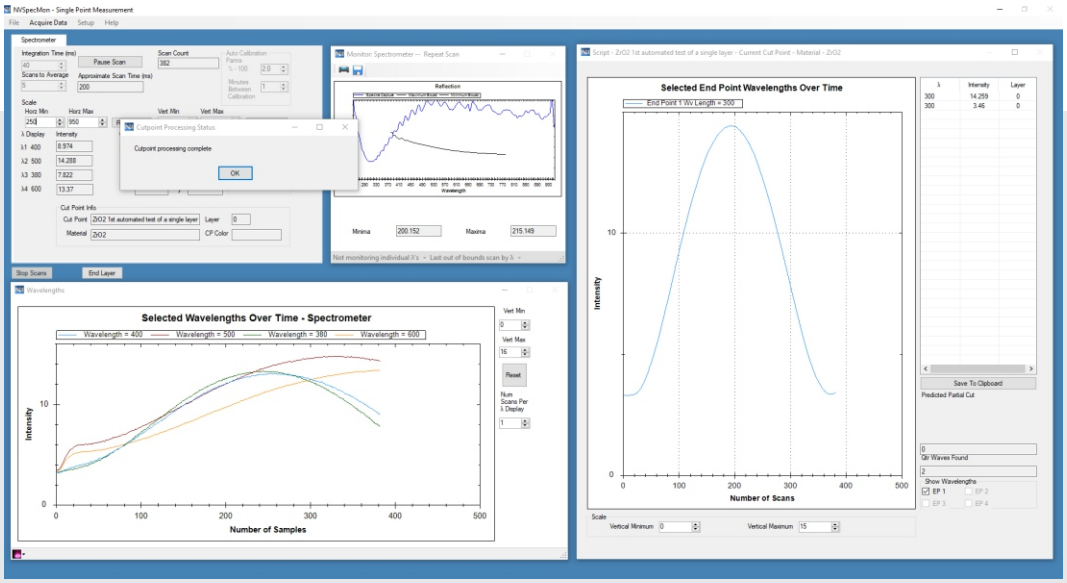
TELEMARK

In-situ Broadband Optical Monitor System

Advanced Multilayer Control

The Telemark Optical Monitoring System provides precision broadband spectral analysis for unprecedented control of multilayer optical films.

- Fiber coupled full spectrum broadband optical monitoring and control of thin film deposition
- Advanced cut-point algorithms for quarter-wave, partials, or broadband spectral analysis
- On-the-fly color calculation and color matching
- Simple digital I/O and advanced TCP-IP interface for easy system integration



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MADE IN USA

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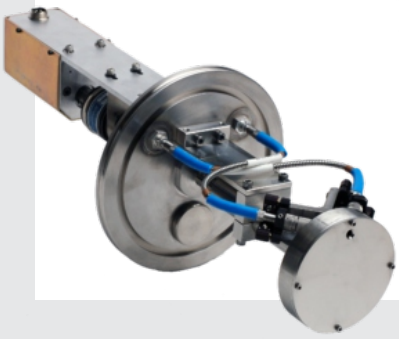
Specifications

	Model 832	Model 833
Detector Range (nm)	380-850	380-1040
Sample Acquisition Rate (Hz)	5-15	5-15
Optical Resolution (nm/pixel)	0.1	0.18
Options		
Optical Witness Changer	●	●
TCP/IP Communication Module	●	●
Color Cut Point Module	●	●
Spectral Matching Module	●	●
Essential MacLeod Interface Module	●	●
External UV Light Source (200-380nm)	●	●
Extended Range Detector (1100nm-2200nm)		●
Extended Range Detector (down to 250nm)	●	

Optical Monitor Witness Glass Changer



- Up to 54 monitoring positions on a single 75mm disk
- Transmission, front surface refection, or back surface refection
- Automatic position indexing
- Quartz Crystal Rate Sensor port
- Provides complete optical monitoring solution on a single ISO160 flange
- ISO100 flange option provides 6 positions on a 25mm disk

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