


Understand the Spectrometer LightBar



The Thermo Scientific™ Nicolet™ Summit FTIR Spectrometer features a convenient LightBar that gives you a quick, visual pass/fail indication of product quality and instrument status at a glance.

The following tables describes all of the LightBar's signals.



Warming Up

Signal	System Status	Description
Green Cycle 	System is on and warming up	Green light moves from left to right repeatedly. Warm-up time is approximately 2 minutes.



Traditional Collection

Signal	System Status	Description
Solid Green 	Ready for use	The full LightBar displays solid green
Green Comet 	Collecting data	Small section of green light bounces back and forth


Smart Collection

Signal	System Status	Description
Blue Pulse 	Collecting Smart Background	Full LightBar pulses blue
Blue Comet 	Collecting sample data (user initiated)	Small section of blue light bounces back and forth

Analysis Results

Signal	System Status	Description
Green % Fill 	Match value or QCheck result above threshold	Green fill to reflect match value. For example, fills approximately 90% for a match value of 90.
Orange % Fill 	Match value or QCheck result below threshold	Orange fill to reflect match value. For example, fills approximately 30% for a match value of 30.

Diagnostics

Signal	System Status	Description
Red Flash 	System error	Full LightBar flashes red. See System Status in OMNIC Paradigm software for a description of the error.

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