CERTIFICATE OF CALIBRATION

For SPECTROLINE® Radiometers, Sensors and Readout Units

METHOD OF CALIBRATION:
This instrument was electro-optically calibrated in accordance with the latest revisions of ANSI/NCSL Z540-1 (Part II) and ISO 10012-1. Calibration was conducted using a Laser Probe Pyroelectric Radiometer (for optical ultraviolet calibration) or an International Light Research Photometer (for optical visible calibration) and a Datel Voltage Calibrator (for electrical calibration), both maintained in Spectronics Corporation's Metrology Laboratory. These standards have an accuracy of 4 times or better than the model listed below. Calibration Procedure S-92186 is utilized for optical and electrical calibrations. The Laser Probe Pyroelectric Radiometer, International Light Research Photometer, and the Datel Voltage Calibrator have accuracies traceable to the National Institute of Standards and Technology (NIST). This certificate shall not be reproduced except in full, without the written approval of Spectronics Corporation.

Pyroelectric Radiometer:	Rs-5900Sys	**Voltage Calibrator:**	DCV-350A
Serial Number:	9811-026/27/28	**Serial Number:**	012610593
Calibration Date:	Mar 28, 2005	**Calibration Date:**	Mar 9, 2005
Recalibration Due Date:	Mar 28, 2006	**Recalibration Due Date:**	Mar 9, 2006
Certificate No.:	C04620	**Certificate No.:**	5-VG26L-10-1

Customer:	NDT
Model:	DM-365XA
Serial Number:	1521483
Calibration Date:	May 25, 2005
Recalibration Due Date:	May 25, 2006
Overall Accuracy:	Better than +/-5% over the range of 0-19,990 uW/cm².
Temperature:	21°C
Humidity:	35%

Units	Instrument Before Calibration	Primary Standard	Instrument After Calibration	% Deviation After Calibration
uW/cm²		200	200	0.0%
uW/cm²		2000	2000	0.0%
uW/cm²		7000	7000	0.0%

NOTE: % Deviation is the difference between the actual reading and the Primary Standard reading after calibration.
THIS INSTRUMENT IS NEW.

Calibration Certificate No: 70077

Ed Medina
Technician / Date

It is recommended that this instrument be returned to Spectronics Corporation on or before the above due date for a complete overall check and recalibration

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