analytikjena
An Endress+Hauser Company

# Declaration of Conformity

Analytik Jena US
2066 W. 11th Street
Upland, CA 91786
Phone: +01 (909) 946-1397
info@us.analytik-jena.com

Date: 07/21/2017

**Equipment Description:** UVP Radiometer

**Equipment Class:** Laboratory, Measurement, & Process Control Equipment: Normal Environment

**Model(s)**
UVX-25
UVX-31
UVX-36

| Directive(s) | Standard(s) | Year of Publication |
|---|---|---|
| 2014/30/EU EMC | EN61326-1 | 2013 |
| | EN55011 Class B Group 1 | 2009,+A1:2010 |
| | IEC61000-4-2 | 2008 |
| | IEC61000-4-3 | 2006,+A1:2007,+A2:2010 |
| | IEC61000-4-8 | 2009 |
| 2011/65/EU RoHS | | |

*I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).*

Dr. Sean Gallagher
Director Research & Development

No. 82-0099-01 (Rev. D)

# UVX SERIES SENSORS
## CERTIFICATE OF CALIBRATION

Analytik Jena US certifies that the calibration of the sensor referenced below was performed using established test procedures and equipment traceable to the National Institute of Standards and Technology (NIST) as drawn out in the chain of traceability below. We further certify accuracy ±5% on the sensors at calibration point with respect to the NIST standard. Finally, we certify that the sensor listed below is calibrated and certified per ANSI Z540-1-1994.

| | | |
|---|---|---|
| Model: UVX-25 | Serial Number: D216990 | |
| Company/Log #: | | |
| Calibration Temperature: 73F | Humidity: 44% | |
| Repairs Performed: | | |
| Sensor Before Calibration: NEW uW/CM2 | Sensor Standard Calibration: 350 uW/CM2 | % Deviation (Before Calibration): N/A |
| Sensor After Calibration: AS STANDARD. | | |
| Calibrated by: M.NUNEZ. ( TECHNICIAN ) | | Date Calibrated: 04/23/2020 |
| Recommended Recalibration Date: 10/23/2020 | | Recommended every 6 months OR 6 months after date of first use |

Any deviation from the chain of traceability below for the sensor above is strongly discouraged, as the resulting calibration may not be in accord with ANSI Z540-1-1994.

| SENSOR UVX-25 | SENSOR UVX-31 | SENSOR UVX-36 |
|---|---|---|
| NIST Standard of Spectral Irradiance NIST Trace #844-268194-03/2-R | NIST Standard of Spectral Irradiance NIST Trace #844-268194-03/2-R | NIST Standard of Spectral Irradiance NIST Trace #844-268194-03/2-R |
| Standard E3100 | Metrology Standard MS018 | Standard E3100 |
| PS016 | PS019 | PS017 |

**Disassembly of the sensor in any manner or removal of the "CAL-VOID" sticker renders the calibration void.**



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800-452-6788 · 909-946-3197 · Fax 909-946-3597
Web Site: http://us.analytik-jena.com

**COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 : 2015 =**

# UVX RADIOMETER

## STATEMENT OF TRACEABLE CALIBRATION

**Company:** **Log #:**

**Address:**

**Model:** UVX Radiometer

**Description:** Handheld Digital Radiometer for UVX Series Sensors

Analytik Jena US certifies that the calibration of the Radiometer referenced below was performed using established test procedures and equipment traceable to the National Institute of Standards and Technology (NIST). Analytik Jena US certifies that the Radiometer listed below is calibrated and certified per ANSI-Z540-1994.

| | |
|---|---|
| **Serial Number:** D211040 | |
| **Calibration Temperature:** 74F | Humidity: 40% |
| **Condition of Radiometer before Calibration:** NEW | |

| Range | Response Before Calibration | Response After Calibration | Percent Deviation Before Calibration |
|---|---|---|---|
| 200 µw/cm² | NEW | WIT (100 +/- 2.5) | NEW % |
| 2000 µw/cm² | NEW | WIT (1000 +/- 25) | NEW % |
| 20 mw/cm² | NEW | WIT (10 +/- 0.25) | NEW % |

**Calibrated by:** M.NUNEZ. Technician

| **Date Calibrated:** | **Recommended Recalibration Date:** |
|---|---|
| 04/16/20 | Recommended every 6 months OR 6 months after date of first use 10/16/20 |

**Calibration Procedure No:** CP-1021

WIT= Within Tolerance

**Disassembly of the Radiometer in any manner or removal of the "CAL-VOID" sticker renders the calibration void.**



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82-0017-01 Rev L

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