



Instrument
Markets

UV Measurement and Process Control Instruments

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Subject: Information on EIT Supplemental Data Points

EIT calibrates instruments to values established by our engineering and calibration engineers. The instrument type, performance, source type and stability of the source are all factored into our established and documented procedures and values used.

Customers will occasionally request that EIT check instrument performance at values (Supplemental Data Points) other than what we have established in our documented procedures.

EIT offers Supplemental Data Points when requested as a service to our customers. The achievable target values, tolerances and units vary by product family and are listed below:

- SpotCure: 1- 8 (+/- 0.5); 8 - 17 (+/- 1); all values in Watt/cm²
- Power Puck II/UviCure Plus II (High Power): UVA, UVB, UVV 100-1500(+/-15%) UVC 30-120 (+/-15%); all values in milliJoules/cm²
- LEDCure: L-Bands 0.230- 6.0 (+/- 15%); all values in W/cm²

Notes

1. Supplemental Data Points must be requested on the Service Request Form each time the unit is returned
2. If the requirements differ from those above, EIT will review the requirements and confirm if they can be met
3. There is an additional charge for this service based on the number of points requested and time involved
4. Supplemental Data Points are collected after the customer unit is calibrated to our procedures
5. They do not change or improve the calibration of the unit.

The Supplemental Data Points are listed in table format on the Calibration Certificate per example below.

| UVA | 320-390 nm | | |
|----------------|--------------------------|--------------------------|-----------|
| Measurement | Reference | Instrument | Deviation |
| Energy Density | 222.2 mJ/cm ² | 222.0 mJ/cm ² | -0.09% |
| Energy Density | 307.6 mJ/cm ² | 304.0 mJ/cm ² | -1.17% |
| Energy Density | 420.0 mJ/cm ² | 417.0 mJ/cm ² | -0.71% |

Please contact EIT if there are any questions.