



EIT 2.0 LLC
14001 Innovation Park Lane Leesburg, VA 20176 USA
P: 571-578-3075 E: uv@eit20.com W: www.eit20.com

Subject: EIT 2.0 LLC Six-Month Calibration Cycle

Date: December 2024

EIT 2.0 LLC (EIT) uses a six-month calibration cycle (183 days from the date your instrument is calibrated) on our UV measurement instruments. This cycle is based on EIT's almost forty years of historical data and calibration experience. If you follow our guidelines for operating, handling and cleaning our instruments, we are confident they will work as prescribed for the six-month cycle.

Ultraviolet (UV) curing sources emit intense UV, IR and Visible energy. EIT 2.0/EIT instruments are robust and designed to withstand this challenging environment with proper care and handling.

Most ISO standards such as 9001 allow the end user to adjust the calibration cycles of their instruments if it is consistent with the monitoring and measurement requirements of your process. This industry accepted practice requires analysis of the unit's performance including the "as-received" intake data at calibration.

The customer needs to evaluate their frequency & duration of instrument use, source intensity and how the units are handled and cleaned to determine if a calibration cycle extension is warranted or advisable. Your quality group will be responsible for issuing a new certificate or sticker to extend the calibration cycle

We stick to the six-month calibration cycle because we do not know how the unit will be used including measurement frequency, intensity of the source, storage, and care. Not all customers follow our storage and cleaning guidelines. Our products are sometimes subjected to additional stresses such as IR sources and improper handling and cleaning. The opportunity for error climbs when the units are not calibrated over an extended period or when they are not handled and/or cleaned properly.

What are some of the factors that determine unit performance? Please refer to the presentation posted on our website for more information that looks at over 30,000 calibration records. (<https://www.eit20.com/wp-content/uploads/2024/12/May-Raymont-EIT-2.0-Calibration-Presentation.pdf>)

There is a wide variety of data. Some units with proper care last a very long time while others through improper care and abuse are "out of calibration" in 45 days

We hope that this clarifies our position in respect to our calibration cycles as well as our calibration certificates.

Contact EIT 2.0 LLC at uv@eit20.com or calibration@eit20.com if there are additional questions.