

## UV RADIOMETERS CALIBRATION FREQUENCY

There are no specific recommendations by the World Meteorological Organisation (WMO) or the International Standards Organisation (ISO) regarding the frequency of calibration of UV radiometers for field use.

Kipp & Zonen a OTT HydroMet brand, recommends recalibration every two years of use to ensure that the instrument remains within its specified performance parameters.

When deployed in the field and provided the instrument is properly installed and maintained, the sensitivity shift over time largely results from the degradation of the sensor elements due to environmental exposure. This wear progressively affects its efficiency.

When the instrument is stored in the dark, in clean dry conditions at room temperature, there is no effect on the sensitivity. Storage periods under these conditions do not count towards the calibration interval. Therefore, instruments kept under such conditions could have longer calibration intervals. However, we recommend that this should not exceed five years.

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