



Product Datasheet

Spectral Authentication

The Taylor-Scan® 4.0 sets new standards for the measurement of spectral signatures in various material classes.

The spectrometer combines robustness and reliability with high-precision measurements. Based on the LIGA-micro technology the device can be produced in scale using a single reference dataset.

This reproducibility allows optical fingerprinting in all industries with the highest quality standards and a remote service that enables operators to handle high end spectroscopy globally.

The user friendly one-button concept is completed by a user software that allows tailored pre-settings for your scan in the field.

Different detection modes, tailored to your needs:

- ▶ Scan2Hit
- ▶ ScanSecure
- ▶ Scan2Count

With these pre-settings the operator is able to authenticate high security applications, bulk materials or check homogeneity in production.

Taylor-Scan® 4.0



Special features:

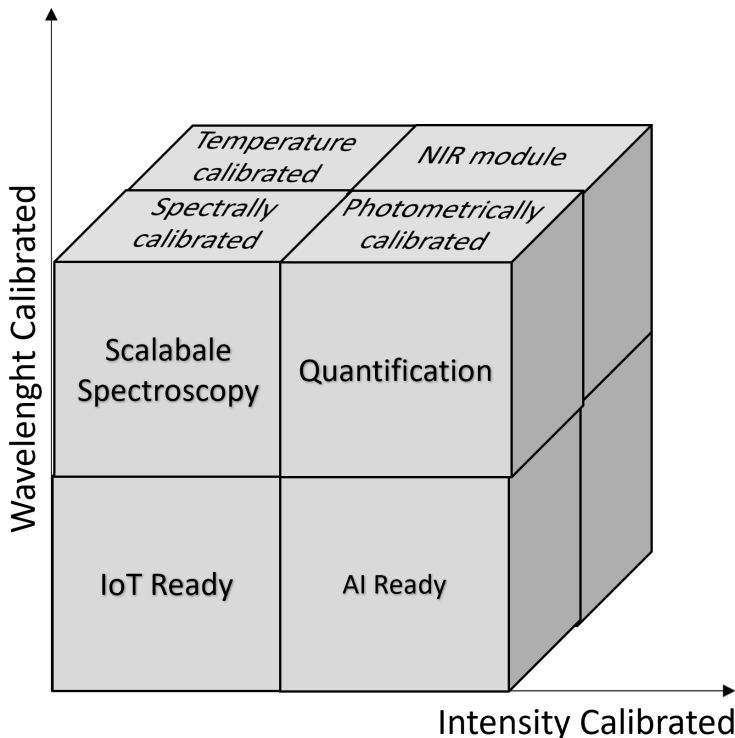
- ▶ No moving parts
- ▶ Intensity calibrated
- ▶ Wavelength calibrated
- ▶ Wide excitation range
- ▶ Super-high resolution



Technical Data

Spectral Range	500 – 1050nm
Exposure	1 μ s - 100s
Excitation Wavelength	4
Operating Temperature	0°C - 40°C
Charging Temperature	10°C - 40°C
Interface Charging	USB-C
Interface Data	USB-C
Energy Supply	18650 Li-Ion, 3,7V
Weight	442g

Measures:



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