

TAMS - TOTAL ABSOLUTE MEASUREMENT SYSTEM

A key area of high-performance UV/Vis/NIR is angular dependent measurements. For a wide variety of materials, including architectural glass, optoelectronics and specialised pigments, it is important to understand their optical properties when measuring at a variety of angles. While this can be achieved with lower-cost manual accessories, for applications requiring the highest angular precision and measurement sensitivity, the TAMS is the gold standard.

As with the LAMBDA series itself, a key benefit of the TAMS platform is the flexibility. The system is built around a TAMS 'flex' platform with an inner rotating stage where the sample can be placed, and an outer stage for the moving detector. A range of detector options may then be added depending on the desired sensitivity and wavelength range.



PerkinElmer LAMBDA 850+/1050+ with TAMS Accessory.