

Hyperspectral Table Top Scanning System

Compact table top scanning system to conduct spatial and spectral resolved measurements of samples.



Highlights

- Ideal for lab-based measurements in QM/QC and RND.
- The diffuse lighting distributes the light evenly onto the sample without casting unwanted shadows or reflections.
- Easily customizable by several optional cameras in different wavelength ranges.

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Datasheet

Specification

Features	
Compact table top unit with a base area of approx. 60 x 60 cm	
Precise linear stepper motor to conduct the scanning motion (x-axis, software-operated, 30 cm travel distance)	
Motorized height adjusting mechanism for the hyperspectral camera and lighting (z-axis, button-operated)	
Diffuse Halogen-Lighting using a Spectralon diffuser with machined slit for the camera (lighting intensity and distance to camera is adjustable)	
Opaque sidewalls and tinted acrylic glass front door for ambient light suppression (removeable)	
Interchangeable mounting for hyperspectral cameras for easy swapping of the hyperspectral camera	
PC-system including framegrabber and measure software to operate the measurement system	
Integration of compatible Hyperspectral cameras purchased from Polytec	
Dimensions	
Width	60 cm
Length	60 cm
Height	100 cm
Camera options	
VNIR	400 – 1000 nm
NIR	900 – 1700 nm
Extended NIR	600 – 1700 nm
SWIR	900 – 2500 nm

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