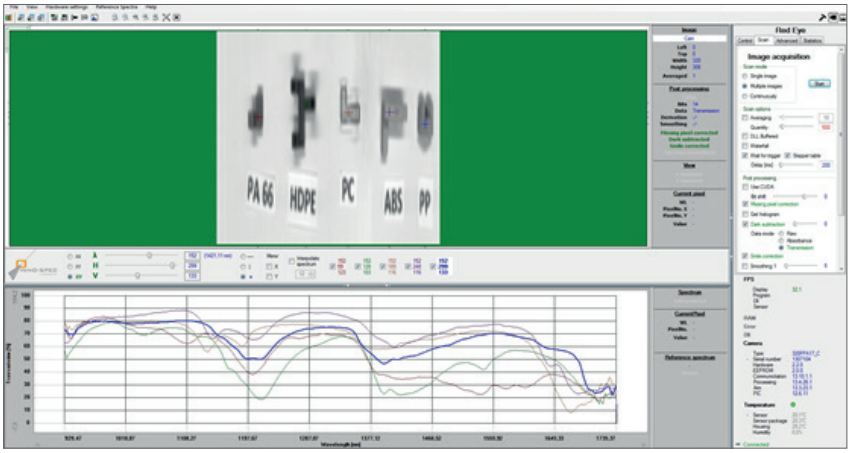
Stepper table

The **stepper table** is a positioning table that moves the object vertically to the scanning direction of the optical system (Push-Broom Scanning).

The table is optimized for use with our own spectral imaging systems.

It can be upgraded by adding the option for scanning in a second direction. This is useful if measurements with a high magnification are needed. In such a case, the camera might not be able to capture the whole scanning area in one scan. Therefore, scanning in x and y directions might be required to cover the entire scanning area.

The stepper table is controlled by the data acquisition software SiCap-GB just like our spectral imaging systems.



Features:

- **Fast and simple equipment installation**
- **Customized for our systems**
- **Measurements over the object**
- **Use of high-quality materials**

Technical Specifications:

Stepper table

Electronics

Connector	USB
Power consumption	200 W
Power supply	230 V
Positioning modes	Point-to-point and continuous mode
Drive	Stepper motor

Mechanics

Dimensions l x w x h	610 x 450 x 1200 mm *
Dimensions	
sample plate lxw	330 x 250 mm *
max. Moving way	300 mm *
Height adjustment	200 to 900 mm *
Resolution	min. 10 µm
Housing	Anodized aluminium
Camera control	RS 485
Table surface	Ceramic tile, black / white
max. Carrying capacity	approx. 30 kg

Lighting

Type	Line illumination
Light source	Halogen
Position	Adjustable
Life time	> 2000 h

Operating Conditions

Temperature (operating)	0 to +60 °C
temperature (transport)	0 to +80 °C

Please note that any specs on the data sheet are subject to change without notice.
* customized solutions on request

As a well-established manufacturer of spectroscopic measurement equipment, **inno-spec** provides optimized solutions for any individual applications: from customized OEM components for system suppliers up to fully integrated turnkey solutions for the end-user.

Stepper table with RedEye 1.7

Accessories:

- Dark ceramic tile
- LED line lighting

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