



## A MULTI-PURPOSE SCANNER FRAME FOR LABORATORY USE

SisuCHEMA is a turnkey hyperspectral chemical imaging analyzer for forensics, food, pharmaceutical and agricultural applications as well as other research and industrial applications that require qualitative and quantitative results of the imaged samples.

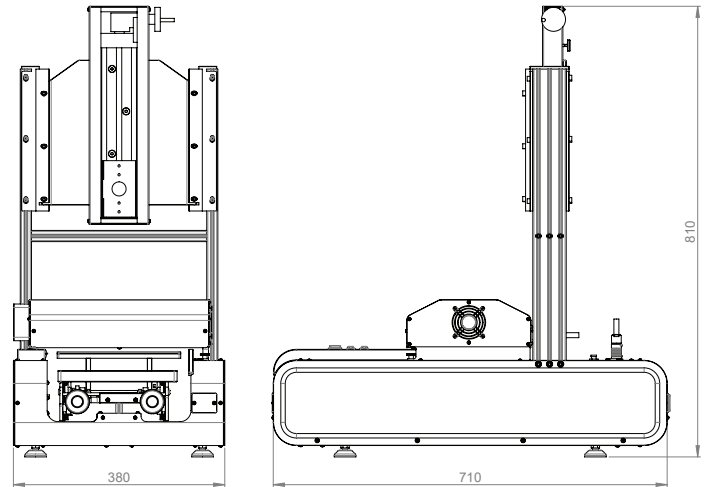
Camera supports LUMO software, datacubes are ENVI-compatible, allowing further processing by several software packages for hyperspectral data processing.

## COMPATIBILITY

SisuCHEMA is designed for the following cameras:

- SCMOS
- SWIR
- PFD4K
- FX10
- FX17

## DIMENSIONS



Size (L x W x H)	710 x 380 x 810 mm
Maximum sample size (L x W x H)	300 x 200 x 45 mm
Weight	33.8 kg
Typical scanning time	< 7 s. for single 320 x 320 pixel image capture with 256 spectral bands
Scanning rate	100 hyperspectral line images / s (max), corresponding to - 3 mm/s with 30 micron pixel - 30 mm/s with 300 micron pixel - 60 mm/s with 600 micron pixel
Instrument calibration	Delivered with spectral calibration. Image data is automatically calibrated to reflectance by measuring an internal standard reference target before each sample scan.
Interface	Controlled through spectral camera or with a separate control cable, USB or RS232
Illumination	Specim's diffuse line illumination unit
Data format	BIL, ENVI compatible