

LEMNATEC APPLICATION NOTE 3-D

Scanalyzer HTS 3 D measurement add on _____

Equip your Scanalyzer HTS with the latest laser 3 D measurement tool.
You can scan a multiwell plate within 5 seconds in 3 dimensions with a precision of 0,2 millimetre

How dose it work? _____

The 3 D measurement tool is a combination of laser and camera. The 3-D smart camera is capable of detecting geometrical features regardless of fluctuations in contrast. The system operates with a line of laser light, whose reflection is evaluated using a triangulation process.

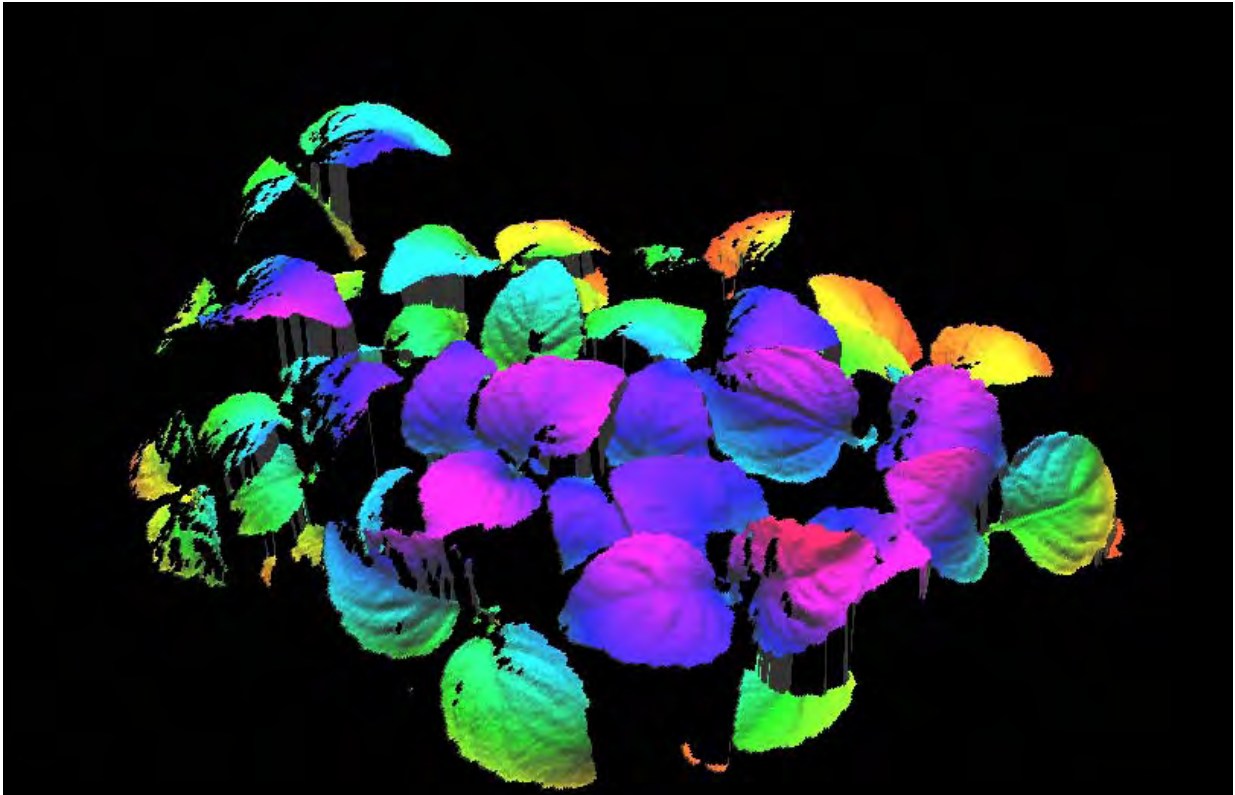
Technical details

Max field of view	810 mm
Max field of view in height	400 mm
Resolution in height	0.2 mm

See examples



Cress plants in height



Plants in trays



Roots in a 6 well plate