



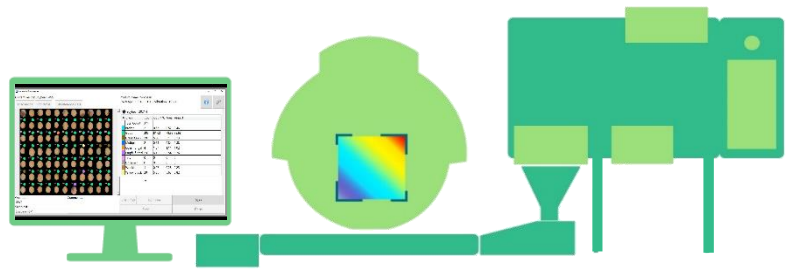
## Multispectral Analysis

The RhinoVision is a highly sophisticated automated system that is combined with a multispectral vision-based technology from VideometerLab, sample preparation, Rhino software, and Cloud solution.

The RhinoVision is specially customized for seeds and grains analytics with a combination of automatic sieving and a multitude of software programs that can be obtained when available. It measures, counts, weighs, and classifies the seeds and grains according to size, shape, characteristics, coating quality, seed germination, detection of fungal infection, and much more.

### Features

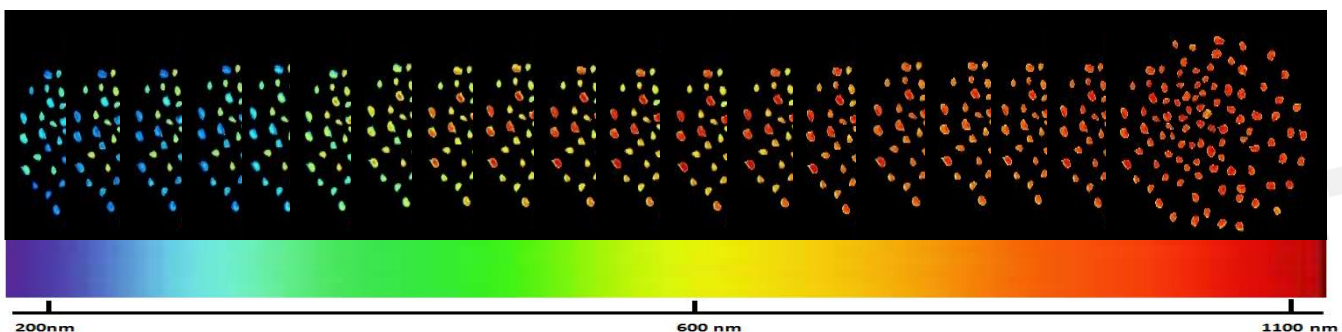
- Automatic system
- Customized models
- User friendly
- Able to change for many applications
- Fast and accurate measurement
- High sensitivity and reproducibility



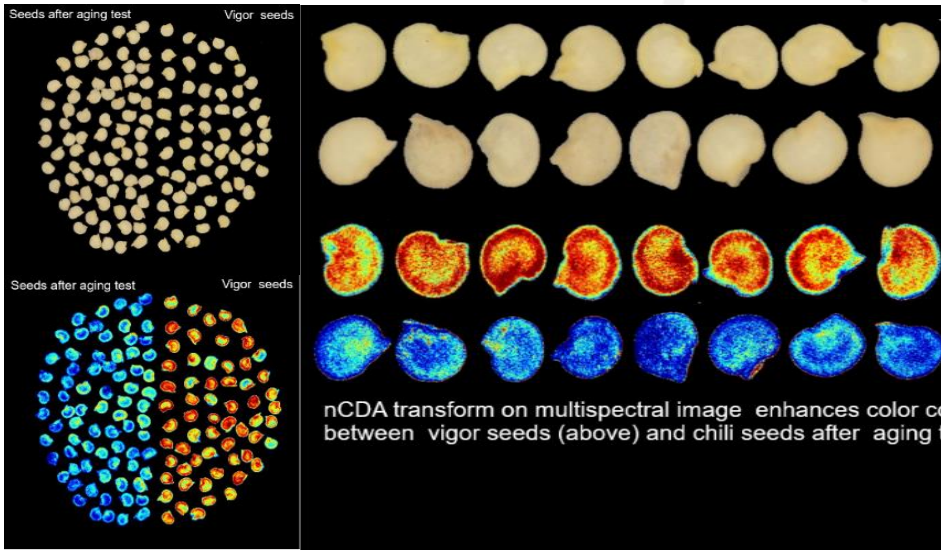
Technology based on VideometerLab



Single seed information



19-20 wavelengths available



## Applications

- Seed health
- Seed purity
- Seed maturity
- Seed treatment
- Seed germination

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## Specification

Model	Specification
Hardware	<ul style="list-style-type: none"> <li>• VideometerLab4 and PC (minimum configuration :Intel i7 12<sup>th</sup> generation or better, 32 GB RAM, USB2 port, USB3 SuperSpeed port)</li> <li>• Autofeeder</li> <li>• Sample preparation</li> </ul>
Software	<ul style="list-style-type: none"> <li>• VideometerLab4 software               <ul style="list-style-type: none"> <li>- Image processing toolbox (IPT)</li> <li>- Spectral imaging toolbox (MSI)</li> <li>- Blobs toolbox</li> <li>- Classifier Design Tool (Additional)</li> </ul> </li> <li>• Automatic sieving system software; Rhino software</li> <li>• Cloud solution (Additional)</li> </ul>
Camera	High resolution 12 MP
Light sources	19 bands / 20 channels, 365 nm to 970 nm + ext. Channel
Time of analysis	7,900 mm <sup>2</sup> belt area per minute <u>Example:</u> maize kernel : 200-300g in 4-5 minutes
Size	<ul style="list-style-type: none"> <li>• VideometerLab4: 590 mm (L) x 420 mm (W) x 490-585 mm (H)</li> <li>• Autofeeder: 870 mm (L) x 500 mm (W) x 370 mm (H)</li> <li>• Sample preparation: 730 mm (L) x 430 mm (W) x 115 mm (H)</li> </ul>
Net weight	<ul style="list-style-type: none"> <li>• VideometerLab4 13.2 kg</li> <li>• Autofeeder 20.7 kg</li> <li>• Sample preparation 39 kg</li> </ul>
Power supply	100-240 VAC, 50/60 Hz



For further questions, please do not hesitate to contact us

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