



Rhino Vision VideoMeter

Multispectral Analysis

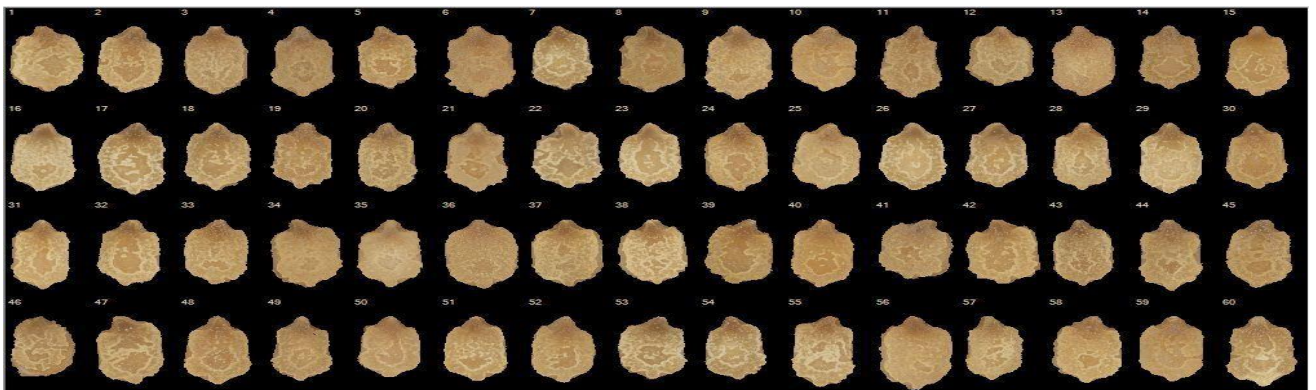
The VideoMeter is a vision-based laboratory equipment designed for fast and accurate determination of surface color and chemical composition. The unit is an easy-to-use system integrating illumination, camera, and computer technology with advanced digital image analysis and statistics. The technology is particularly useful for quantitative measurements of chemical and visual properties of samples or surfaces.

The RHINIO VISION is specially adapted for seed and grain analytic with a seed divider with the combination automatic sieving and a multitude of pre-made software programs can be obtained when available. RHINIO VERSION specific software packages that are available physical characteristics, coating quality (coating array data), seed quality and etc.

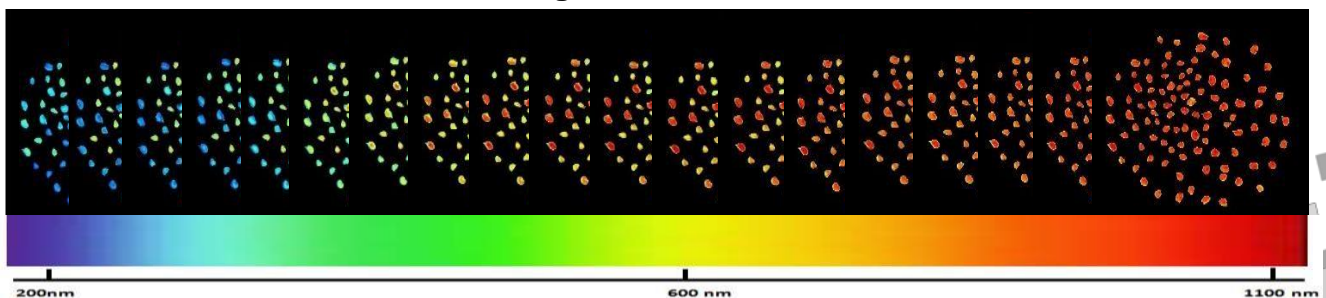


Features

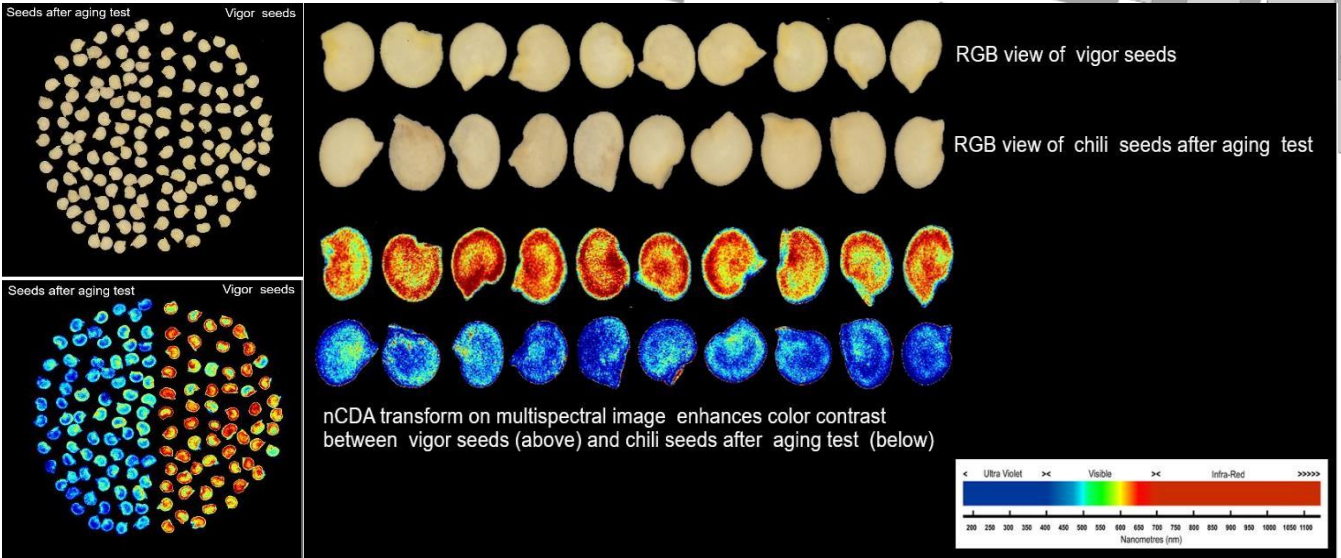
- Automatic system
- Unmanned operation
- Customized models
- Easy to operate
- Able to change for many applications
- Fast and accurate measurement
- High sensitivity and reproducibility



Single Seed Information

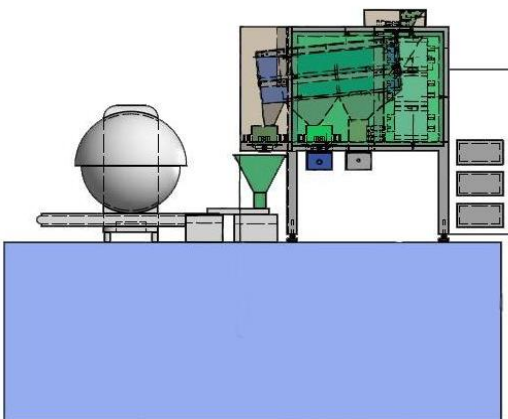


19-20 Wavelengths Available



Specification

Item	Specification
VideometerLab4	Standard software package including color tools
Camera	High resolution 2192 x 2192 pixels (2704 x 2704 active image pixels) ~ 41µm/pixel
Light sources	19 bands / 20 channels, 365 nm to 970 nm + ext. Channel
Time of analysis	5-10 seconds per sample (20 wavelength capture and data analysis)
Dimension	490-585 mm (h) x 420 mm (w) x 590 mm (d)
Weight	14.1 kg (Net), 26.6 kg (Gross)
Power supply	100-240 VAC, 50/60 Hz
Autofeeder and divider	Conveyor belt, black plate, power connector, conveyor USB Vibration feeder, vibration tray (tray type depend on type/size of seed), pouring funnel, power connection, feeder USB and extensions for Videometer feet.
Hardware options	<ul style="list-style-type: none"> • Darkfield/brightfield backlight • Filter changer (for fluorescence) • Sample preparation automation
Software options	<ul style="list-style-type: none"> • Image processing toolbox (IPT) • Spectral imaging toolbox (MSI) • Blobs toolbox



RHINO 

For further questions, please do not hesitate to contact us

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