Phoenix 6000
NIR Analyzer

BLUE SUN
SCIENTIFIC

- **Results in 30 Seconds**
- **Transfer Existing Calibrations**
- **Expert Calibration Handling**
- **Flexible Data Handling**

Next Generation NIR Analyzer

- 30 second analysis
- Transfer your existing calibrations
- 600-2500 nm wavelength range
- Multiple calibration options
- Integrated check standards
- Modern software features
- Fully automated
- User friendly software
- IP62 rated

The new Phoenix 6000 NIR Analyzer is the ideal solution for university and research labs that need highly accurate and rapid results for a variety of samples.

The Phoenix 6000 employs a scanning monochromator, which is the NIR technology most trusted by Agriculture and Food companies and labs around the world.

Calibration databases developed on other NIR platforms (Foss, Unity, etc.) can be easily transferred to the Phoenix 6000 and reliable results can be generated immediately.

The software is intuitively designed and easy to use.

EASY AS 1-2-3

Simply fill the sample cup, place it in the tray and press scan on the software.

The Phoenix 6000 will automatically scan the entire surface of the sample cup and provide results in 30 seconds or less.

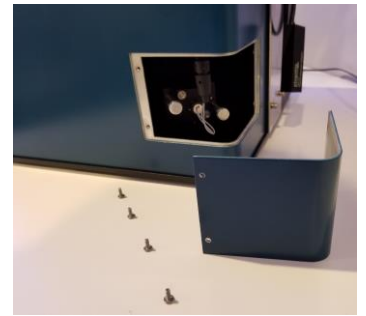Results can be immediately viewed in the software or transmitted via shared drive, LIMS or PLC.

Innovative Sample Car

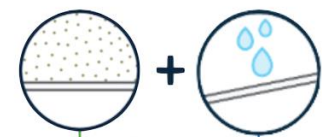More than 85% of the sample area is scanned yielding more reliable and repeatable results

Easy to Access Lamp

The lamp can be replaced in under 5 minutes

IP 6 2

Waterdrops

Dust proof

All Phoenix 6000 Analyzers are manufactured at our company headquarters in Jessup, Maryland.
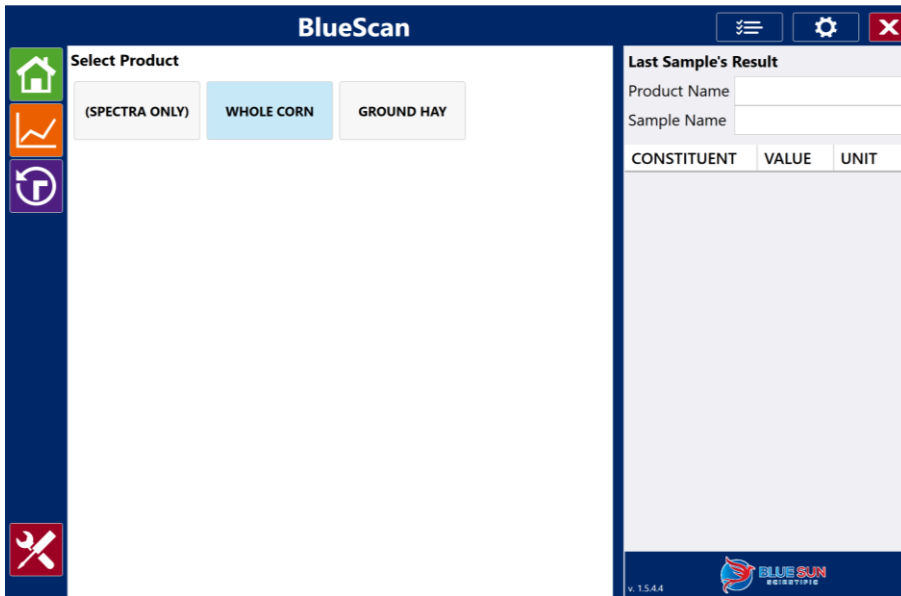
Introducing BlueScan

Software so simple, anyone can use it

The Phoenix 6000 is powered by BlueScan. This custom designed software is packed with features making it ideal for research and quality analysis.

BlueScan's tab design ensures your information is just a click away. You can easily view results, historical data, spectra, generate reports and run diagnostics with the press of a button.

Keep Your Database

The Phoenix 6000 NIR Analyzer can be programmed with calibrations for many industries.

If you have existing calibrations that you have built and would like to keep, you can with the Phoenix 6000.

The Phoenix 6000 is backwards compatible to accommodate databases from many major NIR manufacturers, including FOSS™, and Unity Scientific™.

University Partners

We value our university partners' drive to innovate and improve our understanding of the many complex systems all around us.

We have created a complete program to ensure their success with the Phoenix 6000 NIR analyzer.

- Research grade NIR analyzer

- Special University Pricing

- An assortment of sample accessories

- Calibration Development Software and training

Specifications

Part Number	BLU-6000-UNV
Wavelength Range	600-2500 nm
Wavelength Selection	Scanning diffraction grating monochromator with nominal bandwidth of 10nm (FWHH). Configurable Data presented in 1nm or 2nm increments.
Temperature and Humidity	35 – 105 °F (1 – 40 °C) < 85%
IP Rating	IP 62
Lamp Life	(Continuous Operation): 10,000 Hrs. (MTBF)
Power Requirements:	V~100-240, 50/60 Hz 2 A 250V, 2A
Dimensions :	14.0 in x 15.0 in x 20.75 in (LxWxH); 34 lbs.

Blue Sun Guarantee

The Blue Sun Guarantee is the industry's leading service and warranty program. It guarantees you start up quickly and avoid downtime and repairs. Every Blue Sun instrument comes standard with the Blue Sun Guarantee, which includes:

- Free phone support
- Guaranteed Installation
- 1 Year Calibration Support and Development
- 1 Year Warranty on Parts