

# Phoenix 5000

## NIR Feed Analyzer



- **Analyze finished feed and feed ingredients**
- **Results in 30 seconds for fat, moisture, protein, fiber, and more**

## Next Generation NIR Analyzer

- Results in 30 seconds or less
- Monitor incoming ingredients
- Determine least cost formulations
- Control moisture in driers and extruders
- Verify finished product
- Transfer your existing databases from any NIR instrument
- User friendly software design
- Flexible data management

The new Phoenix 5000 NIR Feed Analyzer is the ideal solution for feed manufacturers that need highly accurate rapid results before, during and after crushing.

The Phoenix 5000 offers 30 second analysis of **feed and feed ingredients.**

It can test simultaneously for moisture, fat, protein, fiber, starch, ash and more.

If you have already developed databases on any other NIR platforms (FOSS™ Unity Scientific™), you can easily transfer them onto the Phoenix 5000 and begin generating reliable results immediately.

# EASY AS 1-2-3

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

The Phoenix 5000 will automatically scan the entire surface of the sample cup and provide results in 30 seconds or less.

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

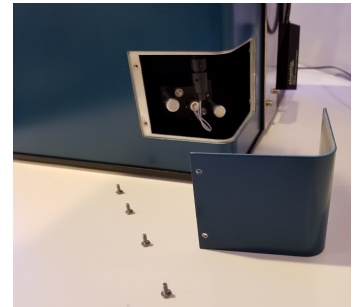
## Innovative Sample Car

The entire sample area is scanned yielding more reliable and repeatable results



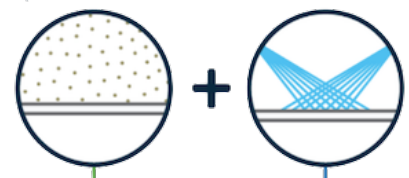
## Easy to Access Lamp

Lamp can be replaced in under 5 minutes



## Fits Large and Small Sample Cups:

Ideal for both powders and liquid products



Waterproof  
Dust tight

# Keep Your Database

The Phoenix 5000 Feed Analyzer comes standard with calibrations for feed and feed ingredients.

If you have existing calibrations that you have built and would like to keep, you can with the Phoenix 5000.

The Phoenix 5000 is backwards compatible with databases from many major NIR manufacturers, including FOSS™, and Unity Scientific™.

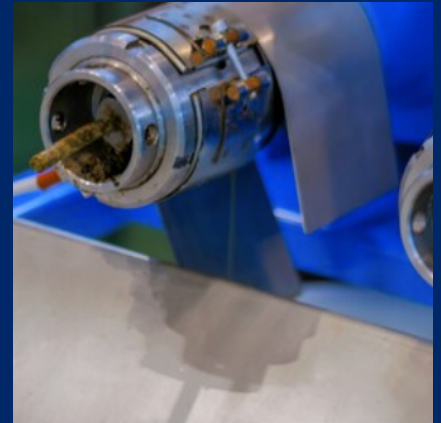


Monitor and verify incoming ingredients

# Integrated Standards

To ensure reliability and minimize instrument downtime, the Phoenix 5000 comes with check standards integrated into the instrument.

The Phoenix 5000 routinely runs this check and realigns itself if needed. This dramatically reduces instrument drift or the need to bias the instrument when compared to older instruments.



Control moisture in driers and extruders



*All Phoenix 5000 Analyzers are manufactured at our company headquarters in Jessup, Maryland.*



Verify finished feed is within spec

# Specifications

Part Number	NB-PX5000-T-FED
Includes	Phoenix 5000 NIR Feed Analyzer Calibrations for feed and feed ingredients. 2 x Large cups 1 x 25 mm cup
Wavelength Range	1100-2500 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 65
Lamp Life	(Continuous Operation): 10,000 Hrs. (MTBF) Part #:
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:



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