



Thermo Scientific microPHAZIR AG
Handheld Analyzer for feed and
ingredient analysis

Why Wait?

What if your analysis of feed and ingredients no longer required sending samples to an offsite lab? What if you could perform nutritional analysis onsite at the point of delivery, cutting your waiting time to minutes? What if determining material quality was as easy as the press of a button, anywhere in a production facility?

That time has come. The portable Thermo Scientific microPHAZIR AG analyzer is the next breakthrough in feed and grain analysis.

Outstanding Service and Support

You can count on us for support, anywhere and at any time. With portable instrument centers of excellence located around the world, we have the experience and global reach to help ensure success, improve quality, and achieve a rapid return on your investment.

Our online microPHAZIR AG Customer Support Portal ensures that your instrument will be up to date with the latest software and calibrations including:

- Diagnostics
- Regional calibration updates
- Software updates
- Warranty and service



Get Off the Bench

Get off the bench with the real-time analysis approach for feed and ingredients – the portable microPHAZIR AG analyzer. With the simple press of a button, obtain fast, reliable, lab-quality results that expedite decision making and help you strike the all-important balance between nutrition and cost.

For more information or to discuss your particular application and requirements, please contact your local Thermo Scientific representative, email us at sales.chemid@thermofisher.com, or visit our website at www.thermoscientific.com/feed.



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Thermo
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Part of Thermo Fisher Scientific

Increase efficiency with Fast feed analysis

- On-site sample analysis saves time and money
- Handheld instrument for use at point of receipt or anywhere on the line
- Preloaded calibrations for minimal set up time
- Easy operation without extensive training or scientific background

Thermo
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Handheld Technology - Throughout the Worksite

Take it anywhere. Use it anywhere. The portable, easy-to-use Thermo Scientific™ microPHAZIR™ AG analyzer brings the power of spectroscopy out of the lab and into your worksite. Using the battery-powered microPHAZIR AG analyzer, you can inspect feed ingredients as they arrive and determine in real-time whether to accept or reject a load. Reduce claim filings while increasing productivity.

What's more, with industry-ready calibrations – powered by INGOT™ – this completely self-contained instrument can analyze your range of animal feed and ingredients: cereals, oil seeds, milk powders, and more. It offers an intuitive workflow suitable for any production environment.



Real-time quality analysis where you need it

Calibrations Pre-Loaded for Maximum Efficiency

Derive maximum benefit from your analyzer on day one. With ready-to-use INGOT calibrations, the microPHAZIR AG analyzer provides a cost-effective, turnkey solution for analyzing feed and grains.

The analyzer includes robust INGOT calibrations for the most commonly used ingredients, spanning a wide range of geographies, seasons, and formulations. This allows feed producers worldwide to efficiently monitor raw materials and product quality.

Easy Results

With microPHAZIR AG Admin Tools, you can easily review analyses conducted that day, week, or month. Data is synched via USB connection and reports are automatically generated and stored in a secure archive. This enables easy feed variability trend analysis year-over-year.

The INGOT Advantage

- Calibrations continually updated with new data from around the world
- 20+ years of calibration database development for results independent of product variation, location, or year
- Proven track record by users in more than 42 countries
- Full technical support
- Reference wet chemistry performed according to official methods by analytical experts

INGOT calibrations are backed by Aunir™, a company with more than 30 years experience developing NIR solutions for testing the quality attributes of your ingredients and products.

Monitor key components:

- Moisture
- Protein
- Fiber
- Ash
- Oil
- Starch
- Other nutritional parameters

Calibrations Included with microPHAZIR AG

| FEED ONLY | | | INGREDIENTS ONLY | | | | | | | | |
|-----------|--------------|---------------|------------------|-----------------------|-------------------------|---------|-----------------------|------------------------|----------------------|---------------------|------------------------|
| Poultry | Ruminant | Swine | Cereals | High Protein High Oil | High Protein Low Oil | Legumes | Low Protein High Oil | Low Protein Low Oil | | Animal Proteins | Milk Powders |
| Broiler | Beef | Finisher Pig | Barley | Rape-Pulse Mix | Corn Gluten Feed 60% | Beans | Biscuit Meal High Oil | Citrus | Potato Products | Fish Meal | Dried Whey Powder |
| Chick | Sheep | Gestation Sow | Maize (corn) | Rape Seed Expeller | Cotton Extract | Peas | Maize Germ Meal | Cocoa | Rice | Meat and Bone Meal | |
| Duck | Calf | Grower Pig | Oats | Soya Full Fat | Groundnut Extract | Lupins | Alfalfa Lucerne | Copra | Rice Bran Extract | Blood and Plasma | Skimmed Milk Powder |
| Game | Dairy Blends | Piglet | Triticale | Sunflower Seeds | Linseed Extract | | Palm Kernel High Oil | Copra Extract | Grain Screenings | Feather Meal | Full Cream Milk Powder |
| Goose | Lamb | | Wheat | Cotton Seed Expeller | Malt Residue | | Rice Bran High Oil | Corn Gluten Feed 20% | Sugar Beet | Poultry By-products | |
| Layers | Goat | | Red Wheat | Whole Rape | Soya Meal Extract | | | Distillery Low Protein | Wheatfeed Middling | Bone Meal | |
| Ostrich | | | Sorghum | Sesame Expeller | Sunflower Extract | | | Locust Bean | Barley Bran | Crab | |
| Turkey | | | Rye | Whole Soybean | Sesame Meal Extract | | | Soya Hulls | Maize Meal | Shrimp | |
| | | | | Soybean Expeller | Sesame Meal Extract | | | Oat Feed | Biscuit Meal Low Oil | | |
| | | | | Whole Soybean | Distillery High Protein | | | Oat Flour | Maize Germ Meal | | |
| | | | | Whole Linseed | | | | Grass Meal | Maize | | |
| | | | | | | | | Hominy | Shea Nut Meal | | |
| | | | | | | | | Cassava | | | |
| | | | | | | | | Palm Kernel Low Oil | | | |

Feed Analysis in Four Easy Steps

