



# PET FOOD ANALYZER

## Quality Control and Composition



- *Rapid & non-destructive inspection of pet food quality for manufacturers*
- *Ensure highest quality meat products with low ash and fat content*
- *Measure protein, fat, moisture, fiber*

Our Pet Food Analyzer can help improve quality of many processing applications. This will help manufacturers reduce costs and improve quality by monitoring important parameters such as protein, fat, moisture, ash, and much more.

The ChemWiz-ADK-PF and ChemWiz-ADK-Case-PF (for Pet Foods) includes research-grade spectrometer instrumentation in either a handheld modular set-up or mounted in a portable and rugged case.

With a simple press of the “Analyze” button instantaneous match results or sample composition can be displayed on your screen.

**ChemWiz-ADK-PF and ChemWiz-ADK-Case-PF for Pet Food Ingredient and Blends**



Simple user interface with %Fat, Moisture, Protein & ash Displayed

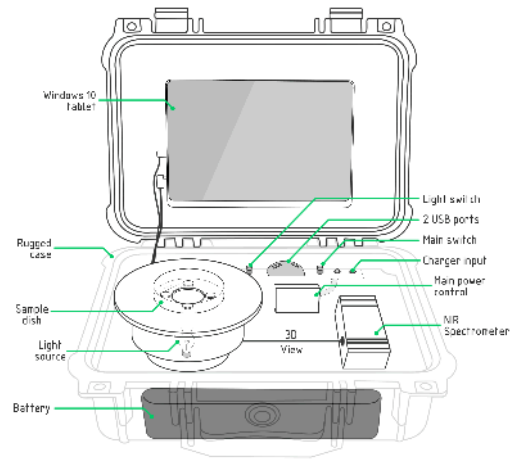
### Starter Packages for Kibble Blends

Included with your system is our starter Pet Food Kibble Blend Calibration. This calibration model predicts fat, moisture, protein and ash in a typical pet food kibble blend. Custom calibrations can be easily developed with our SMART-NIRS calibration packages!



# PET FOOD ANALYSIS APPLICATIONS

- Inspect incoming ingredients for quality
- Optimize protein content
- Limit ash percent



## SPECIFICATIONS



<b>Spectrometer Range:</b>	900-1700nm
<b>Optical Resolution:</b>	2.5nm
<b>Detector Type:</b>	InGaAs Photodiode array
<b>Reflectance Source:</b>	Tungsten Halogen
<b>Optical Measurement:</b>	3D reflectance, probe, or industrial fixture 8h
<b>Battery:</b>	Lithium ion
<b>Lamp Power In:</b>	350 mA @ 12 VDC
<b>Dimensions:</b>	Handheld 1.5 x 11 x 6.5"   Case: 6 x 11 x 13"
<b>Measurement Speed:</b>	Typical 1-5 seconds
<b>Tablet Specs:</b>	Android
<b>Software Included:</b>	ChemWiz-ADK PRO
<b>Starter Calibrations Included:</b>	PF - pet food, chicken feed, and kibble blend starter calibration