

xylem



Pet food testing solutions

Delivering trusted results to your lab bench

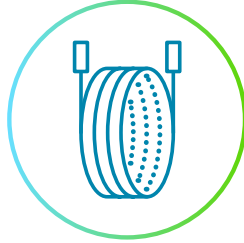
Unique solutions for your lab

We provide innovative equipment and expert support to help you overcome analytical challenges.

Learn More: ysi.com/lab-solutions



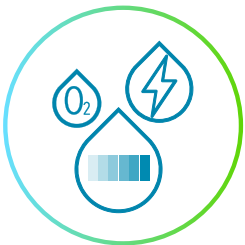
Automated Chemistry Analyzers



Gas Chromatography



Bio Analysis



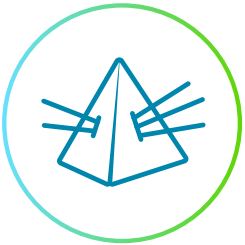
Multimeter eChem



Extraction & Distillation



Polarimeters



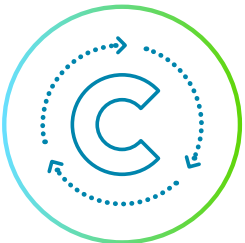
Refractometers



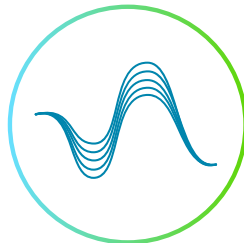
Temperature Data Loggers



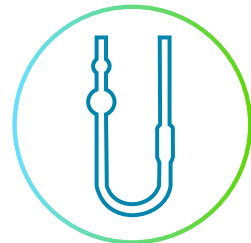
Titration



Total Organic Carbon



UV/VIS Spectrophotometers



Viscometers

Our lab brands



O-I Analytical



-ebro-



SI Analytics



Unlocking your pet food lab's potential...

Discover how our testing equipment empowers pet food laboratories to ensure the highest quality products. Critical components such as Fiber, Protein, Fat, and multiparameters including pH, Glucose, Lactate, and other specific nutritional elements are measured for precision and reliability. With our advanced tools, unlock the potential of your pet food analysis, meeting stringent quality standards and delivering nutritious and safe products for pets.

Xylem Lab Solutions delivers the tools you need to streamline quality testing in pet food labs and manufacturing that can improve your efficiency, ensure your accuracy, and support safer and sustainable operations.

Measured inputs. Trusted outcomes.

- Crude fiber, acid detergent fiber, neutral detergent fiber, acid detergent lignin
- Dumas Nitrogen/Kjeldahl Nitrogen/Crude protein/Non-protein nitrogen (NPN)
- Peroxide value (POV), free fatty acids (FFA), moisture
- pH, DO, conductivity
- Glucose, sucrose, lactose
- Nitrate, nitrite, effluent nutritional load
- Temperature, pressure monitoring, sterilization, pasteurization, cold-chain monitoring
- Pesticides, flavors, fragrances
- and more!





Crude fiber, acid detergent fiber, neutral detergent fiber, acid detergent lignin



FIBRE THERM: Fiber Analyzer

Simplify fiber analysis in feedstuff with fully automated processing. FIBREBAG® technology eliminates the need for sealing, saving time and reducing handling steps. Analyze up to 12 samples at once with consistent, reliable results – faster and easier than ever.



Dumas nitrogen, crude protein, non-protein (NPN)



N-REALYZER: Dumas Combustion Analyzer

The **N-REALYZER** offers fast and precise nitrogen and protein analysis for up to 100 samples in series. It can handle solid or liquid samples with high or low nitrogen/protein content, ensuring reliable and accurate results. With its user-friendly features and cost efficiency, the **N-REALYZER** is an excellent choice for combustion analysis.



Crude fat, total fat, free fat



HYDROTHERM: Automated Acid Hydrolysis SOXTHERM: Automated Fat Extraction

Automate your fat analysis with the dynamic duo: **HYDROTHERM** and **SOXTHERM**. These innovative instruments are reshaping the landscape of total fat analysis in laboratories. By automating and optimizing critical steps such as hydrolysis and extraction, your lab will enjoy enhanced accuracy, precision, speed, safety, sustainability, and cost-effectiveness.



Kjeldahl nitrogen, crude protein, non-protein (NPN)



KJELDATHERM: Block Digestion
VACUSOG: Acid Fume Scrubber
VAPODEST: Steam Distillation



Kjeldahl analysis remains one of the primary reference method for nitrogen analysis. Fortunately, we offer a comprehensive solution to streamline this time-consuming process, making it more efficient, safer, precise and reproducible.

Our **KJELDATHERM** block digester, paired with the **VACUSOG** fume scrubber, is designed for flexibility. Its automatic and programmable heating saves valuable time, while the preheated digestion block awaits your samples. With a range of tube sizes accommodating 8, 20, or 40 samples at a time, even foamy, fatty, and inhomogeneous samples are handled with ease.

Following digestion, simply send your samples to the **VAPODEST's** steam distillation system, which delivers results in just 4 minutes. Our **VAPODEST** series offers various models with different degrees of automation, catering to your specific needs.



Peroxide value (POV), free fatty acids (FFA), moisture



TitroLine 7800: Auto Titrator

Discover the ultimate 2-in-1 titrator solution with the **TitroLine® 7800**. This powerful instrument can perform both potentiometric and volumetric Karl Fischer titrations, giving you unmatched flexibility and accuracy in your lab work.

Our innovative IDS® electrode technology ensures precise and reliable measurements, while our proprietary **TitroSoft** software makes titration processes smoother and more efficient than ever before. Upgrade your lab and achieve unparalleled results with the **TitroLine® 7800**.



Explore even more Xylem testing solutions...

pH, DO, conductivity



Multilab Multiparameter Meter

Meet the **Multilab** instrument family. Connect multiple IDS (Intelligent Digital Sensors) probes to the **Multilab** for the measurement of DO/BOD, pH, ORP, and conductivity in any combination. Ion selective electrodes (ISEs) can also be connected to the instrument. Easily configure it to meet your application.



Glucose, sucrose, lactose



YSI 2900D Biochemistry Analyzer

Using YSI's Enzyme Electrode Technology enables rapid and precise measurement of glucose/sucrose/lactose levels within 60 seconds using the YSI **2900D** instrument. Sample preparation is simplified thanks to the technology's resilience to sample color, pH variations, turbidity, cell concentrations, salts, proteins, detergents, and other low molecular interferences. 15 chemistries available for your unique configuration.



Nitrate, nitrite, effluent nutritional load



Flow Solution FS3700 Automated Chemistry Analyzer

The **Flow Solution 3700 (FS3700)** platform—the epitome of efficiency, flexibility, and user-friendliness for automating wet chemistry analyses. Whether you require segmented flow analysis (SFA), flow injection analysis (FIA), injected segmented flow analysis (iSFA), or segmented flow injection analysis (SFIA), the **FS3700** has you covered.

We simplify your testing process so you can focus on research and analysis. Trust the **FS3700** to streamline your wet chemistry analyses and elevate your lab performance. 13 unique analytes available for your unique configuration.



Temperature and pressure monitoring for extrusion, sterilization, pasteurization, and cold-chain monitoring.



Ebro measuring devices

Being able to monitor the pet food manufacturing process is critical to ensure the final QA/QC of the product. From extrusion to packaging to shipping, if the temperature goes too high or too low, the texture formation, nutrient retention and sterilization can be jeopardized.

The **ebro** product family offers an extensive range of innovative testing technologies, including data loggers, handhelds, specialty probes and evaluation software packages.



Pesticides, flavors, and fragrances



Selective detectors for gas chromatography systems

The OI Analytical line of selective GC detectors give your laboratory the ability to qualify and quantify volatile organic compounds in your ingredients and final product. Our **Pulsed Flame Photometric Detector (PFPD)** gives you the ability to test sulfur containing compounds at very low levels and our **Halogen Selective Detector (XSD)** measure chlorinated compounds with ease. Both can give you insight into detecting unwanted pesticides or off-odors as well as validating the final product make up.



Xylem l'zīlāml

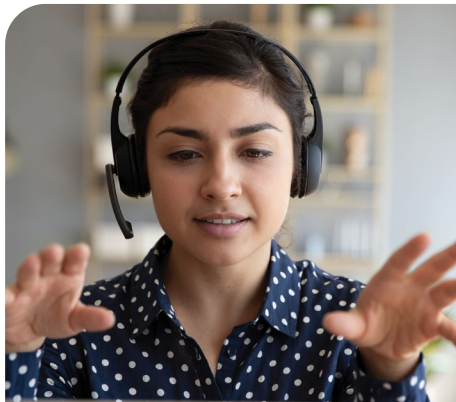
- 1) the tissue in plants that brings water and nutrients upward from the roots.
- 2) a leading provider of unique solutions for your lab.

Xylem Lab Solutions' global brands have been leaders in the laboratory instrumentation market for decades, and are relied upon every day across more than 150 countries. Working in true partnership with our clients, we listen, learn and adapt to individual needs, offering deep application expertise built upon our long history of innovation in instruments and services. Our solutions for analysis, measurement and monitoring help enable many of today's modern laboratories and industrial processes, and provide our customers the trusted and high performing solutions they need to succeed.



Our support goes beyond instrumentation

We have all the consumables and supplies and we also offer in-house and in-field technical support to keep you up and running. Reach out to your local sales person to see what products are available in your region.



Technical support

We are here to get your products up and running. It may be a phone call to our tech support team or an on-site visit for installation and familiarization.



Consumable & spares

We offer a full compliment of operating supplies and spares. A well-maintained instrument will deliver the best results. Our eCommerce is set up to help you get what you need quickly.



Service contracts

Now that your unit is up and running and generating superior data, we are here to help you keep it that way. We offer in-house bench repair, on-site services, and scheduled preventative maintenance contracts.

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Learn more:
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