

# ANKOM TECHNOLOGY

## ANKOM<sup>TDF</sup> DIETARY FIBER ANALYZER



## TDF Automated and Simple

- Automates AOAC 991.43/AACC 32.07.01
- Faster, Technician-free Filtering
- IDF/SDF and TDF Values
- No Clogged Filters
- Reduced per Assay Costs
- 18 Samples - Nine in Duplicate/Day
- Eliminates Water Baths and Filtration Flasks
- Computer Controlled Operation

The ANKOM<sup>TDF</sup> Dietary Fiber Analyzer creates a new standard for nutritional labeling, quality control, and research. By automating one of the most tedious analytical methods, the ANKOM analyzer reduces labor and per sample costs, while increasing accuracy and precision. An advanced computer controlled multichannel pump automates the addition of chemical solutions, enzymes, and rinses. Temperatures and agitation levels are controlled throughout the process, eliminating the need for multiple water baths and freeing up precious lab counter space. *Advanced Filter Bag Technology increases filtering surface area which reduces the time needed to filter samples and eliminates the use of vacuum flasks and crucibles.* For example, oat bran samples consistently filter in less than two minutes. No technician manipulation is needed during filtering. The system allows the user to perform stand-alone IDF, SDF, and TDF analyses. Additionally, the design includes the ability to capture the filtrate for subsequent HPLC analysis.

*Helping To Feed The World!*



The development of the dual compartment filter bag provides state-of-the-art technology to deliver a simple, yet high-tech, solution to automate dietary fiber analysis. Each compartment is designed to support the unique aspects of the method; from enzymatic digestion to precise filtration and SDF precipitation. Thoroughly tested, ANKOM Filter Bag Technology (FBT):

- PROVIDES FASTER, TECHNICIAN-FREE FILTERING
- IMPROVES ACCURACY AND PRECISION
- ENABLES METHOD AUTOMATION
- ELIMINATES MANUAL SAMPLE TRANSFER
- VIRTUALLY ELIMINATES TECHNICIAN VARIABILITY
- REDUCES PER ASSAY COSTS

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Touch screen, computer control eliminates technician variability.

Temperature controlled agitation ensures complete digestion.

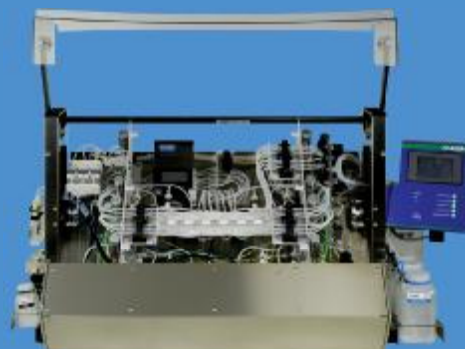


Greater filtration surface area dramatically reduces filter time.

SDF precipitation is efficient and complete.



Quick-connect containers are within reach for simple access to all chemicals and enzymes. Easy to fill and connect, all solutions are added automatically as needed.



Attention to detail, the main body of the instrument pivots for easy service access. There is no need to relocate the instrument when service is required.

## Helping To Feed The World!

ANKOM Technology is the developer of Filter Bag Technology (FBT) used around the world for fiber and fat analysis. With customers in over 95 countries, ANKOM has a reputation for quality and innovation. Constantly seeking to develop better systems for time-consuming analytical methods, ANKOM Technology focuses on customers' needs. We offer instruments, chemicals and other ancillary products to support fiber studies, crude fat extraction, total fat extraction, *in vitro* and *in situ* research and more. We work hard to keep costs low with quality and service high.

**ANKOM**  
TECHNOLOGY

ANKOM Technology  
2052 O'Neil Rd.  
Macedon, NY 14502

Phone: (315) 986 - 8090  
Fax: (315) 986 - 8091  
E-mail: [tdf@ankom.com](mailto:tdf@ankom.com)