



## ANKOM<sup>HCI</sup> HYDROLYSIS SYSTEM

# Simplified Hydrolysis Analysis

- High-volume Hydrolysis
- Up to 15 Samples at One Time
- Closed System
- Computerized Controls, Eliminates Technician Variability
- Automatic Rinse Cycles

The ANKOM<sup>HCI</sup> Hydrolysis System provides an easy method for performing total fat/oil analysis. Taking up little counter space the ANKOM<sup>HCI</sup> allows for batch hydrolysis of up to 15 samples at a time. Using Filter Bag Technology, total fat/oil hydrolysis is simplified. The technician inserts up to fifteen samples into the Teflon vessel, adds the acid solution and follows the system screen prompts. Once the program is selected, the system automatically completes the process and rinses the samples.

System includes the ANKOM<sup>RD</sup> Dryer and H35 Blotter. Final extraction after hydrolysis requires the XT10 or XT15 Extractor.

Available in 120V and 220V configurations.



ANKOM Technology is the developer of Filter Bag Technology (FBT.) Samples are completely encapsulated which ensures ease of handling and virtually eliminates error. Using Filter Bags, productivity soars as samples are batch processed in a semi-automated system. The samples per day your lab can process will dramatically increase. Costs will be decreased as your technicians are free to take on other tasks. No constant monitoring is required.

- Highly Accurate
- Increase Precision
- Batch Processing
- Eliminate Handling Error
- Lower Costs
- High Output

*Helping To Feed The World!*

# Specifications



<b>Operating Specifications</b>	
Sample Size	1.0 – 4.0 grams*
Fat/Oil Range	0% - 100%
Samples per Batch	up to 15
<b>Operation Times</b>	
Hydrolysis	60 minutes
Rinses: (user selected, 10-120 min.)	30 minutes typical
Total Time	90 minutes typical**
	** does not include dry time
<b>Samples Per Day</b>	
Hydrolysis =	up to 45
<b>Instrument Specifications</b>	
Dimensions	11" wide x 17" deep x 24" high
Operating Temperature	90°C
Power Requirements	110 – 240V, 50/60 Hz
Weight	25 kg.

\*Sample sizes greater than 2 grams require XT4L Filter bag

## 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 97 countries, ANKOM has a reputation for quality and innovation. Constantly seeking to develop better methods 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.



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