



# Rapid Fiber Analyser

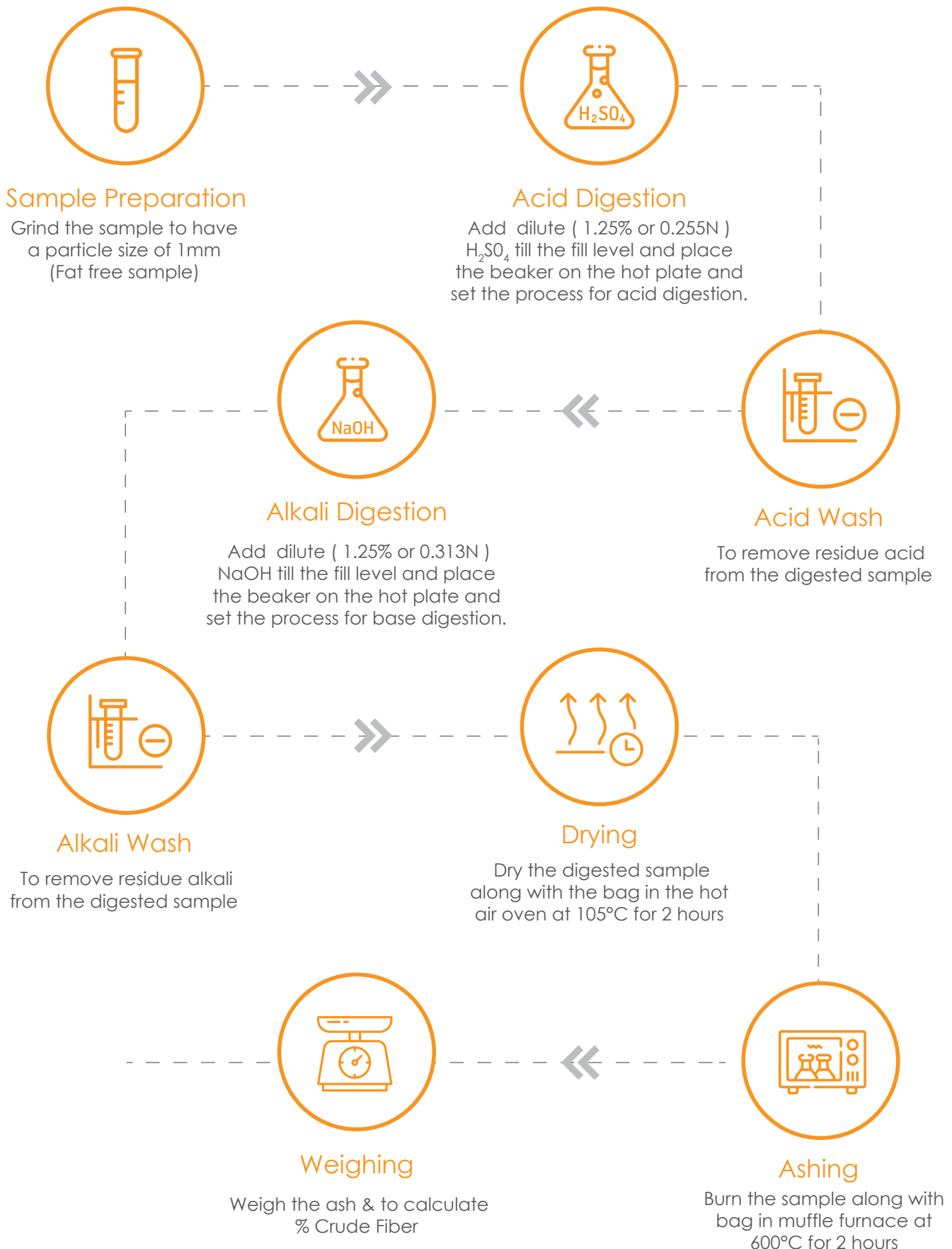
**Fiber bag technology for**

Enhanced precision | Increased throughput | Batch processing

# Fiber Analyser

Extracts crude fiber using the Weende Method in Animal Feed and Pet Food (AOAC Method 978.10)

## A brief overview comprehending the crude fibre process



## Salient Features



Fiber bag spacer method to increase throughput



Controlled Heater Setup



Automatic agitation using radial flow stirrer for maximum efficiency



Drop in coupling to ensure perfect head to base fit



Non - Pressurized system for user safety



User-friendly interface with display prompts for process navigation



Buzzer alert upon process completion



Compact design reduces bench space

# Applications



Food



Feed



Research &  
Academic  
Institute



Food  
Technology  
Institutes





## Determinations

- ✓ Crude fiber (CF)
- ✓ Acid detergent fiber (ADF)
- ✓ Neutral detergent fiber (NDF)
- ✓ Acid detergent lignin (ADL)



## Accessories



Fiber Bag  
BLAAMFB008CRC00000



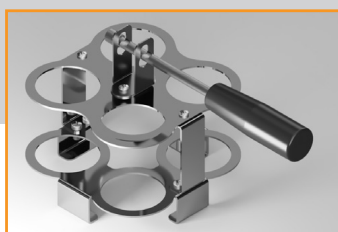
Glass spacer  
BLAAMFB00810000004



Insert rack (carousel)  
BLARMFB00811000000



Silica Crucible with Tray  
BLAAMFB008CRCLIDAC



Crucible Tray  
BLAAMFB008CRCTRYAC



Silica Crucible  
BLAAMFB008CRULIDAC

## Auxiliary units

Samples to be defatted before subjecting to fiber estimation. A soxhlet apparatus to be used for removing the fat content of the sample. Optimum results guaranteed with a Chiller



SOX015 ( one position 500ml soxhlet) Also available in 6 position and 250ml capacity



CHL050- 5ltr chiller for fiber unit

## Technical Specifications

Model Name	MFB008
No of positions	8
Method	Fiber bag spacer
Sample size	0.5 - 3gm
Measuring Range	0.1 % - 100 %
Drop-in coupling	Yes
Fiber bag material	Nylon
Reproducibility	<1%
Agitation	Automatic
Stirrer type	Radial flow stirrer
Beaker volume	3 L
Instrument process time	120 min
Reagent required per process (acid & alkali)	1.2 liter (approx)
Power supply	200 – 240 V 50 – 60 Hz
Total power consumption (W)	900 Watts
Dimensions (LxBxH in mm)	395 x 260 x 710
Ordering code	BLFAMFB008000000000

## Recommended Labquest Auxiliary Units

### Combine Rapid Fiber Analyser with Chiller

It is recommended to use a chiller for accurate and reliable measurements. Chillers control temperature by circulating water through a condenser, facilitating heat dissipation. This conserves water, fosters eco-friendly practices, and enhances operational efficiency.



### Use a Borosil Soxhlet apparatus or an Rapid fat analyzer for defatting

Defatting, also known as degreasing involves the removal of lipids (fats and oils) from the sample before fiber analysis. Defatting removes impurities, enhances fiber recovery, increases process efficiency and improves sample repeatability.



Visit Website



Connect with us  
on LinkedIn



**BOROSIL®**  
Scientific

1101, Crescenzo, G-Block, Opp. MCA Club,  
Bandra Kurla Complex, Bandra (E), Mumbai - 400 051, India  
T : +91 22 6740 6300 F : +91 22 6740 6514  
E : borosil@borosil.com W : www.borosil.com

Pune Manufacturing Unit:  
**BOROSIL SCIENTIFIC LTD.**  
21-24, Plot No. 8, Indialand Global Industrial Park,  
Hinjewadi Phase - 1, Pune - 411 057

**Service Support:**

✉ lab.support@borosil.com  
☎ 1800-224-551