



FIBER ANALYZER

FIB-3654

EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

FIB-3654 Fiber Analyzer

FIB-3654 Fiber Analyzer is an analysis instrument used to test the crude fiber content of samples through acidic or alkaline hydrolysis, flushing and filter process. FIB-3654 functions include automatic solution adding, automatic pre-heating and so on. Infrared tube heating is used, and high-precision soak extraction and filter ensure test precision: high-definition color LCD screen displays temperature and time.

FIB-3654 Fiber Analyzer is applicable for the test of crude fiber contents of plants, feed, foods and other agricultural products. and testing detergent fibers, cellulose, semi-cellulose, lignin and other relevant parameters.

Characteristics :

- Advanced infrared heating manner gives high heating efficiency and excellent control property;
- Filter pump boasts high acid/alkali resistance, good stability and long service life;
- High-precision acid/alkali filter device maintains samples in good condition;
- Three pre-heating routes of acid/alkali distilled water can be controlled separately, and digestion Heating is under separate control, easy for setting adjustment;
- Reagent pre-heating, adding, sample filtration, back flushing and other functions are all under electric and automatic control;
- Six samples can be dealt with at the same time, and sample digestion time can be set freely;
- Stable, rapid and safe automatic filtration back-flushing effectively prevents sample blockage;
- 5.7" high-definition color LCD screen displays current test status; intelligent HMI is available.

Professional Core Parts :

Analytical technologies limited FIB-3654 Fiber Analyzer uses high acid/alkali resistant long-life filter pump and high-precision acid/alkali filter device, achieves the breakthrough of internal essential Parts; high-efficient infrared tube heating greatly enhances temperature control and heat efficiency.

Superior Test Assistant :

Analytical technologies limited FIB-3654 Fiber Analyzer can deal with six samples at the same time. and the sample digestion time can be set freely; three pre-heating routes of acid/alkaled water can be controlled separately, giving extremely easy operation.

Intelligent Software System :

5.7" high-definition color LCD screen displays current working status, temperature, time and other information; high-efficient infrared heating system includes two work modes which can be selected; intelligent status locking function can prevent any accidents due to error operation; the limit of longest; fluid adding time prevents solution overflowing arising from error operation.

Technical Data :

Sample Weight	0.5~3g (usually 1g)
Measuring Range	0.1~100%
Measuring Capacity	6 samples/batch
Repeatability	>1% in case of 1~30% fiber content
Accuracy	+0.1%
Power Supply	220V, 50Hz
Power	2KW
Overall Size	570mmx470mmx750mm
Weight	30kg

▶▶ **Regulatory compliances**



▶▶ **Corporate Social Responsibility**

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.ais-india.com
www.analyticalgroup.net
www.hplctechnologies.com
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