

Crude Fiber Analyzer



Product Brief

Antiteck automatic crude fiber tester is a decocting method in accordance with the national standard. It uses chemical solvent to extract fiber content, which solves the problems of time-consuming, improper fire control and easy loss of residue caused by the filtration and transfer method of crucible. The automatic instrument can be used for solvent filling and constant temperature Heating, decocting, concussion, waste liquid discharge and other operations.

Treatment temperature	Crude fiber tester F1600	Crude fiber tester F5800	Crude fiber tester F2600	Crude fiber tester F6800
Control range	Room temperature - 110 °C	Room temperature - 110 °C	Room temperature - 110 °C	Room temperature - 110 °C
Sampling quantity / bag	0.2-5g	0.2-5g	0.2-5g	0.2-5g
Fiber test range	0-100%	0-100%	0-100%	0-100%
Decocting at each stage time setting	0-999min	0-999min	0-999min	0-999min
Sample batch capacity	1-45	1-45	1-90	1-90
Daily handling capacity	Up to 45-90	Up to 45-90	Up to 90-180	Up to 90-180
Result standard deviation	Less than or equal to 3%	Less than or equal to 3%	Less than or equal to 3%	Less than or equal to 3%
Repeatability accuracy	Less than or equal to 1%	Less than or equal to 1%	Less than or equal to 1%	Less than or equal to 1%
control accuracy	+ 0.2 C	+ 0.2 C	+ 0.2 C	+ 0.2 C
Volume	550*360*550mm	550*360*550mm	650*400*650mm	650*400*650mm
working voltage	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz

To configure

Main machine of automatic fiber extractor	1
Heat sealing device	1
Inert black marker	2
Special inert filter bag	200

Performance characteristics

Fully automatic operation

To automatic solvent filling, constant temperature heating, digestion, waste liquid discharge and other operations

More modes

Built in CF, NDF, ADF test mode, convenient for the use of various test methods

More convenient appointment

It has the function of reservation test, with the test scheme configured, the reservation time can be automatically operated unattended, saving the valuable time of the test personnel and improving the efficiency

The design is very distracting

Special treatment reaction tank, resistant to high temperature, high pressure and chemical corrosion; integrated mixing method for decocting, not only avoids the leakage defect of plug-in design, but also has high reliability

The plan is flexible

Users can edit all kinds of the same test plans, and then test ten kinds of the same products

Automatic result

Built in printer and calculation formula, test completed, no manual calculation, test results can be printed

Humanized function

Built in electronic manual, convenient for users to consult

Higher security

Liquid shortage alarm function, when there is less solvent, it will automatically alarm and stop operation, convenient for customers to use

Applicable standard

GB_T 5515-2008	Inspection of grain and oil -- Determination of crude cellulose content in grain -- medium filtration method
GB_T 8310-2013	Determination of crude tea fiber
GB/T 6434-2006	Determination of crude fiber content in feed -- filtration method
GB/T 5009.10-2003	Determination of crude fiber in plant food
GB/T 20806-2006	Determination of NDF in feed