

FASTH 21

cod. 82041

HOMOGENIZATION SYSTEM FOR RESIDUE ANALYSIS

FULLY AUTOMATED SYSTEM FOR TISSUE HOMOGENIZATION



FOODcon7

Prypcons

Prypcons-B

- Easy use
- Reliable and standardised procedure
- Safe use



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HOMOGENIZATION SYSTEM FOR RESIDUE ANALYSIS

FASTH 21 is a **Fully Automated Homogenizer** used in combination with single use consumables, providing high quality results, specially for molecules analysis such as anti virus, chemical residues, etc.

- It runs at constant speed of about 20.000 rpm
- The system can run up to 250 samples/hour
- Initial load up to 28 disposables, anyway more can be added and removed during the process as it stops everytime the transparent cover is opened
- Running times are automatically recognised by the instrument using colour coded racks
- CE certified; UL/CSA ready

Supply: 110/240 Vac
60/50 Hz (automatic switch)
Absorption: 200W
Weight: 25 Kg.
Size: 105x34x30 cm.



FASTH 21 for a variety of applications listed here: Its main application is the fully automated homogenization for residues analysis sample preparation. It can be also used for many other sample preparations:

ANIMAL

Full animal e.g. bees and also internal organ or muscle tissue from farm animals (e.g. brain / tonsils for prion extraction) or pets

FOOD

All varieties of components or finished food

FEED

All types of components or finished food, usually taken from a big quantity already milled

ENVIRONMENT

Soil, grass, etc.

AGRICULTURE

Cotyledons, crop, seeds, leaves, lymph, etc.

MEDICAL

Molecules extraction from cell suspension, from fat, etc.

DISPOSABLES AVAILABLE



Depending from their volume, samples can be run into **FASTH 21** using the different available disposables:

FOODcon7 (up to 20 ml), **Prypcons** (up to 6 ml), **Prypcons-B** (special for lymph-nodes, up to 6 ml).

Sample: small aliquote of sample on which perform the proper extraction, taken from a homogeneous pre-mixed (in case of hard sample) matrix or from soft specific matrix (e.g. internal organs).

MAIN ADVANTAGES

- Pre-set programs for full automation and user friendly based on rack color code (nothing to set up);
- Skipping blades/components washing step (thanks to the use of sealed disposables);
- No risk of cross contamination (thanks to the use of sealed disposables);
- Environment friendly (skipping whashing step, no detergent is used);
- Maximum standardization and reliability thanks to full automation (avoiding human factor and human skills).



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