DT DUTCOTENNANTLLC

Fax:
+97142236193

Send us a mail:
info@dutcotennant.com

Call us on:
+97142236193

Address:
Dutco Tennant LLC, PO Box 233, Dubai, U.A.E

Soxhlet Extraction Units

Description

Perform fat determination on two or six food and feed samples simultaneously at the push of a button. As the only automated real Soxhlet instrument is fully in accordance with officially approved methods.

Features

- **Automated and accelerated Soxhlet extraction :** Official method for many extractions, e.g. total fat determination. Due to the level adjustment, the cycle throughput is increased, which makes a real Soxhlet extraction fast and efficient.

- **Clever menu navigation and solvent library :** Easy to understand from the beginning. Choose your solvent and respective settings are loaded. No time-consuming application work necessary.

- **Best solvent recovery rates :** Insulated tank with condenser, no unpleasant odor even with petroleum ether.

- **High speed heating :** Ceramic surface with integrated individual heating zones. Every heating plate reaches boiling point within five minutes

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Benefits

Save time and money

- Run 6 samples simultaneously by just pushing one button
- Reduced solvent consumption and lower running costs
- High speed heating with ceramic plates and individual heating zones
- Achieve the best reproducibility thanks to time AND cycle control

Easy to use

- Quick method selection of the entire process including rinsing and drying
- Intelligent heating power selection by using the solvent library
- Unattended operation due to cycle and/or time monitoring

Safe and compliant

- Minimized solvent emissions thanks to z-seal-system and high performance condenser
- Optimal recycling as a result of a cooled solvent tank (recovery > 90 %)
- No risk of burns by effective shielding and heating control
- The SOX configuration is a fully compliant real Soxhlet apparatus