OPSIS LiquidLINE®

OPSIS LiquidLINE HydROC

Reduce cost and errors for Total Fat determinations

The HydROC Hydrolysis Unit

OPSIS LiquidLINE brings an innovative solution for Acid Hydrolysis, making Total Fat determinations more efficient and safe. The hazardous Hydrolysis process can now safely be performed with up to six samples simultaneously. The unique HydROC filter brings additional cost and time savings.

Save costs with clever Filter technology

- The HydROC filter can be used several times* which makes it more cost efficient than any other solution on the market
- Clever solution saves cost on other consumables such as Celite**, Quartz sand and hydrolysis filters
- System compatible with several other extraction systems on the market

Reduce Errors in Total fat analysis

- The HydROC filter can be used in both hydrolysis and extraction steps, avoiding sample transfer errors and saving time
- The HydROC and SoxROC batch handling system saves time when moving samples between hydrolysis and extraction
- Complete separation of samples removes the risk for contamination

Reliable Design

- The Acid Hydrolysis is performed in a closed system, reducing risks for the operator
- Sample rinsing without any contact with Acid reduces safety hazards
- Complies with standardised methods

** Amount of times each filter can be used varies with application*
*** Not needed for standard applications*

As Easy as 1-2-3

The HydROC is easy to manage with only three steps. Risk for operator introduced errors can be minimised.

— Insert up to six samples inside the HydROC unit. Use same filter holder as for the OPSIS LiquidLINE SoxROC extraction unit. Separation of each sample removes any risk for contamination.

— Run the Acid Hydrolysis, adjust the temperature as the hydrolysis progresses. Remove the acid by opening the drain valves and rinse with water. The operation is safe with no contact with Acid.

— Place condensers in cooling position and move samples to the SoxROC cup stand

Easy to insert your sample

Oven glass makes it easy to follow the hydrolysis

Separate Cooling position for your condensers

The HydROC Filter

The unique HydROC filter offers flexibility and cost savings for your total fat determinations.

— The HydROC filter can be used several times*

— One single filter for both hydrolysis and extraction removes the need for separate hydrolysis filters and cellulose thimbles, which saves cost. A single filter also reduces time and complexity when moving samples, which leads to less errors.

— The HydROC filter can also be used together with other systems

Acid
~~Hydrolysis Filter~~(s)
~~Celite~~
~~Quartz sand~~
~~Cellulose thimble~~
HydROC Filter
Extraction Solvents

Save costs for Total Fat Analyses

HydROC Hydrolysis Unit, SX-110-A

Technical Data	
Method	Acid Hydrolysis
Hydrolysis time	Typically 60 min
Measuring range	0,1 - 100% fat
Sample size	Typically 0,5 - 3 g
Capacity per batch	6 samples simultaneously
Capacity per day	Up to 30 hydrolyses
Dimensions (WxHxD)	655x325x475 mm
Weight	25 kg
Operating Temperature	5°C - 40°C, max 80 % relative humidity
Power Supply	190-240 VAC, 50-60 Hz, 10A
Power Consumption	max 2000 W

Specifications subject to change without notice

It is easy to insert samples into the HydROC

Opsis AB, Box 244
SE-244 02 Furulund Sweden
Telephone +46 46 72 25 00
Telefax +46 46 72 25 01
E-mail info@opsis.se
www.liquidline.se

LP1010
2015 05