

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

SAFE 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 standardized 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 minimized.

- 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 progress. 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

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



Separate Cooling position for your condensers

Acid
~~Hydrolysis Filter~~
~~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

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