



*Accu*CLEAN™

Automated Sample Preparation with  
SPE Cartridges and IAC Columns (Mycotoxin Analysis)

SOLUTIONS BY **LC***Tech*

## Enhanced throughput

The AcceCLEAN™ accelerates your sample preparation

- at an affordable price

## Fully Automated Extract Clean-Up

The LCTech sample preparation system AcceCLEAN™ employs automated raw extract processing with SPE or immunoaffinity columns.

Thus, samples are cleaned up faster and more conveniently and are ready for subsequent analysis.

## Three Needles = Threefold Throughput

The AcceCLEAN™ handles up to three samples simultaneously and up to thirty in one run.

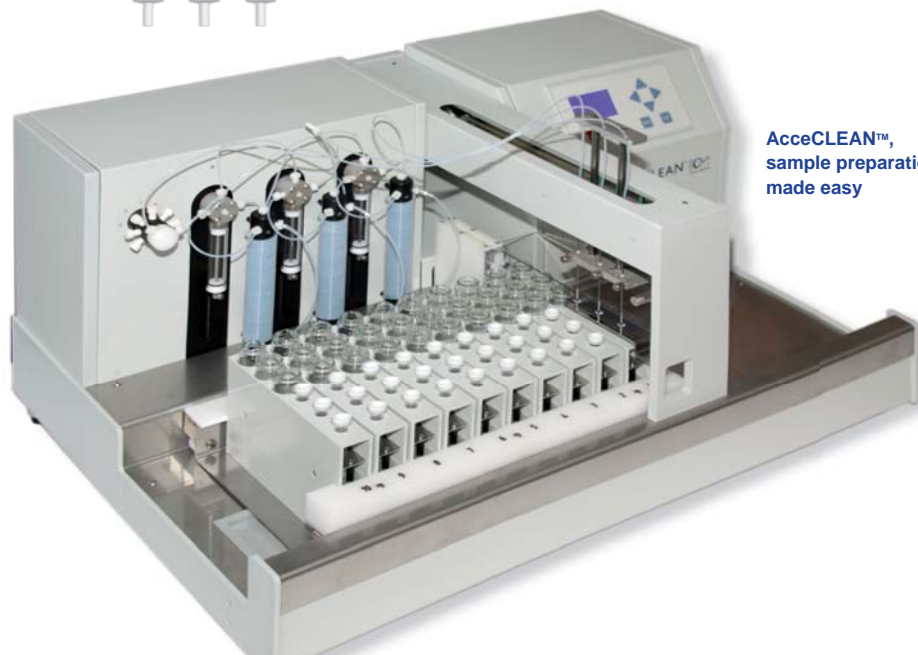
## Precision at the Highest Level

The technique of positive overpressure provides constant, reproducible flow rates.

During the entire cleaning process the columns are closed with a lid.

Additionally high quality components provide high precision.

Three columns simultaneously



# AcceCLEAN™

Automated Sample Preparation with SPE and IAC Columns

AcceCLEAN™, sample preparation made easy

Why not automate time-consuming working steps with AcceCLEAN™!

## Analytically Reliable

No cross-contamination from sample to sample occurs, you will receive excellent recovery rates, e.g.

Recoveries of the mycotoxin Ochratoxin A in peanut butter (with LCTech immunoaffinity column OtaCLEAN™)

Manual clean-up	94 %
Automated clean-up with AcceCLEAN™	93 %

## Design for Your Laboratory Routine

A sample preparation system has to be robust to endure daily use in the laboratory. In line with what all LCTech products are well known for, the AcceCLEAN™ has been designed for robust and safe use. Quality without compromise.

Step up the pace of your sample clean-up



## Broad range of applications

In the course of time your applications might change.

The AcceCLEAN™ however stays flexible and can be adjusted anytime.

Perfect conditions for long-term usage in your laboratory.

### Diverse Applications Possible

The system can be used for standard columns of different suppliers in the sizes 1,3 and 6 mL. It is designed for an initial volume of up to 30 mL and an end volume of 4 or 10 mL.

Up to seven solvents can be used simultaneously.

### Relief for Every-day Work

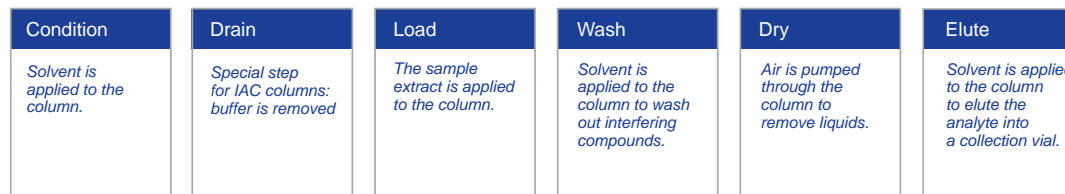
The AcceCLEAN™ is already used routinely in many laboratories for beverages, foods and feed as well as for environmental samples.

Regardless whether you focus on PCBs in soil, pesticides in fruit or mycotoxins in herbs and spices - whenever required, AcceCLEAN™ will support your need for a higher quantity of SPE or IAC columns.

# AcceCLEAN™

Automated sample preparation with SPE and IAC columns

These single steps can be combined arbitrarily, repeated or left out:



SPE standard columns  
1 mL, 3 mL, 6 mL



For each of these six steps parameters can be defined individually. A method editor checks for plausibility.

Flow rate: 0 - 10 mL/min  
Volume: 0 - 9.5 mL  
Repetition: 1 - 9fold  
Solvent: 1 - 7  
Delay time: 0 - 999 s

A method suited to your application

30 columns in one run



Flexible  
- adaptable



## Simple Handling

Place your samples and columns in the AcceCLEAN™, fill the solvent reservoirs, choose the method for the sample list ...

... and press RUN.

## Ready for Operation in Next to No Time

For first-time operation no time-consuming installation is required, the device is instantly ready to use.

## Intuitive from the Beginning

The integrated LCD display and eight keys - that's is all you need to control your AcceCLEAN™.

Without previous knowledge, methods can be quickly called up, changed or stored.

With the easily understandable, menu-based navigation you unerringly control and keep track of all processes.

## Methods Created with Little Effort

By pressing a few keys only you can create a completely new method and assign it to one or several samples.

The system saves up to 50 methods, that can be called up at anytime.

# AcceCLEAN™

Automated sample preparation with SPE and IAC columns



AcceCLEAN™, unvaluable help in the laboratory

## Ready for Standard Tasks

Two standard applications are already pre-programmed: the processing using any LCTech IAC column with either 10 or 25 mL raw extract applied to the column.

1	-	LCTech				10mL
proc.	p	v	n	t	spd	
Drain	5	0.5	1	0	2.0	
Load	1	5.0	2	2	2.0	
Wash	1	10	1	0	2.0	
Dry	5	10	1	4	2.0	
Elute	3	1.0	1	300	0.1	
Elute	3	1.0	1	0	0.1	

Pre-programmed default method for LCTech IAC columns

The terminal: simple operation - no major headaches



The handling: as easy as child's play





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#### Ordering Information

Product number	Description
11020	AcceCLEAN™, Sample preparation system for SPE and IAC columns, 100 to 240 V, dimensions (wdh): 78x53x38 cm, weight: ca. 40 kg

#### Arbitrarily combinable racks:

11630	Rack for 1mL columns, max. 30 mL sample reservoir
11631	Rack for 3mL columns, max. 30 mL sample reservoir
11632	Rack for 6mL columns, max. 30 mL sample reservoir
11633	Elution rack for 4mL vials
11634	Elution rack for 10mL vials

Further accessories on request (e.g. lids, vials, ...)

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