

# LACHAT MICRODIST®

## The ORIGINAL Revolution in Distillation Technology!

With the MICRODIST® system from Lachat Instruments, you can distill up to 21 samples for cyanides, sulfide or ammonia in 30 minutes; and phenolics and tritium in 90 minutes.

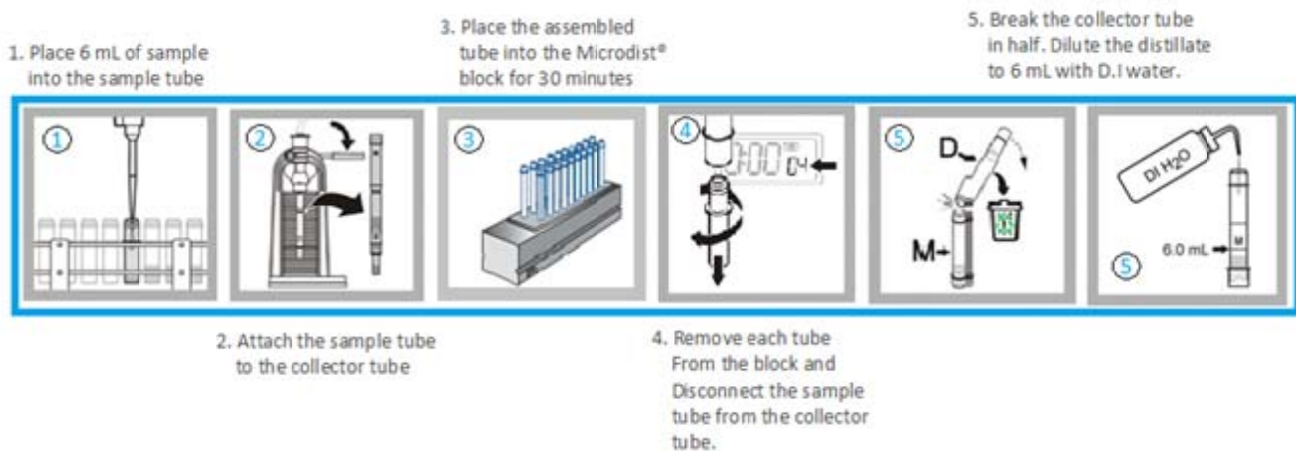
MICRODIST® eliminates the need for bulky, expensive, clumsy and time consuming glassware-based distillation units while accommodating liquid and solid samples.

EPA method for Cyanide in both drinking and wastewater. Ammonia and phenolics are considered equivalent for NPDES.



MICRODIST® Block and tubes

## How easy is it?



**That's it! You're ready to measure!**

TIME COMPARISON			
	MICRODIST	MIDI	MACRO
Setup time (Min)	15 (21 samples)	80 (10 samples)	240 (10 samples)
Warm up time (min)	15	15	60
Distillation Time (min)	30 (21 samples)	60 (10 samples)	60 (10 samples)
Cool-down Time	0	15	30
Clean-up & tear-down Time (min)	5	60	60
Total (min)	65	230	450

OTHER BENEFITS			
	MICRODIST	MIDI	MACRO
Bench area needed (sq. in.)	24	120 (10 samples)	144 (5 samples)
Breakable ground glassware	NO	YES	YES
Sample volume required (mL)	6	50	500
Sample waste volume (after distillation (mL)	4	~48	~480
Purge cylinder gas required	NO	YES	YES
Running cooling water required	NO	YES	YES

SPECIFICATIONS*	
Dimensions (W x D X H)	Electrical
72 x 17 x 33cm (28 x 7 x 13 in.)	110-120 Vac, 11A; 220-240 Vac, 5A

\*Subject to change without notice

How to Order

**MICRODIST® Distillation Block:**

MDD002  
 Includes heating block, Digital Temperature controller, complete Accessories kit, Instructional CD, and Methods Manual  
 A17102  
 (Block ONLY)  
 #

**Pre-filled tubes:**

A17001 Cyanide-1, Sodium Hydroxide Trapping Solution, 21/pkg.#

**Tubes for Steam Distillations:**

A17002 Phenolics-1, 21/pkg  
 A17014 Tritium, 10/pkg.

**User-filled tubes:**

A17017 User-filled, 10/pkg.  
 A17517 User-filled, 50/pkg  
 A17117 User-filled, 100/pkg  
 A17517A User-filled for Ammonia, 50/pkg  
 A17117A User-filled for Ammonia, 100/pkg.

