

EASY[®]dist

Universal Distillation System

- The distillation solution
- Designed for chemists by chemists



Phenol



Fluoride



Sulfide



Cyanide



Ammonia

WESTCO
SCIENTIFIC
INSTRUMENTS

EASY[•]dist

improve productivity... reduce costs.

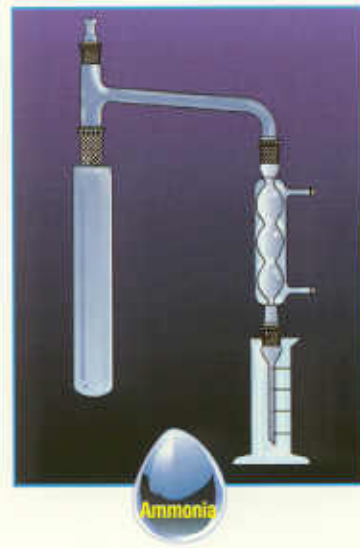
The advantages of **EASY[•]dist**

- Superior temperature control
- Less than 26" of hood space
- Two year warranty- excluding glassware
- Solid-state controller with digital display
- 250°C range for high temperature applications
- Fast, easy assembly- saves labor and reduces costs
- 90% reduction in reagent, sample and generated waste
- Largest batch processing capacity available - 20 stations
- Multiple distillation applications- **NOT LIMITED TO CYANIDE**
- Comprehensive reference manual- **ALL DISTILLATION METHODS**
- 20 piece glassware package- **DUPLICATES ANY LARGE SCALE DISTILLATION**



INNOVATIVE...TIME- SPACE- COST SAVING • MULTI-DISTI

**PATENTED
GLASSWARE
PACKAGE
SIMPLIFIES THE
MOST COMPLEX
DISTILLATION**



EASY[•]dist has been engineered for simplified operation and accurate, repeatable performance.



Performs scaled down versions of all USEPA- approved distillations

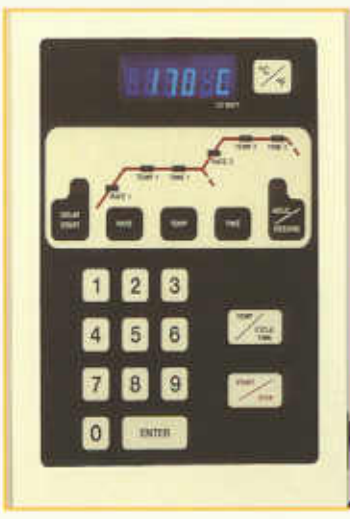
- Flow adjusting valves
- Automatic safety shut-off
- 20 stations - more samples per batch
- Boiling tube common to all procedures
- EASY•dist makes any distillation routine
- Complete library of regulatory procedures
- Automatic start-up with time-delay feature
- Simple glassware change- over from test-to-test
- 20 port gas manifold- for easy distribution of inert gases/vacuum
- All glass-to-glass connections in "full" compliance with regulatory methods

...LATION SYSTEM FROM WESTCO SCIENTIFIC INSTRUMENTS

EASY•dist

TYPICAL METHOD FORMAT

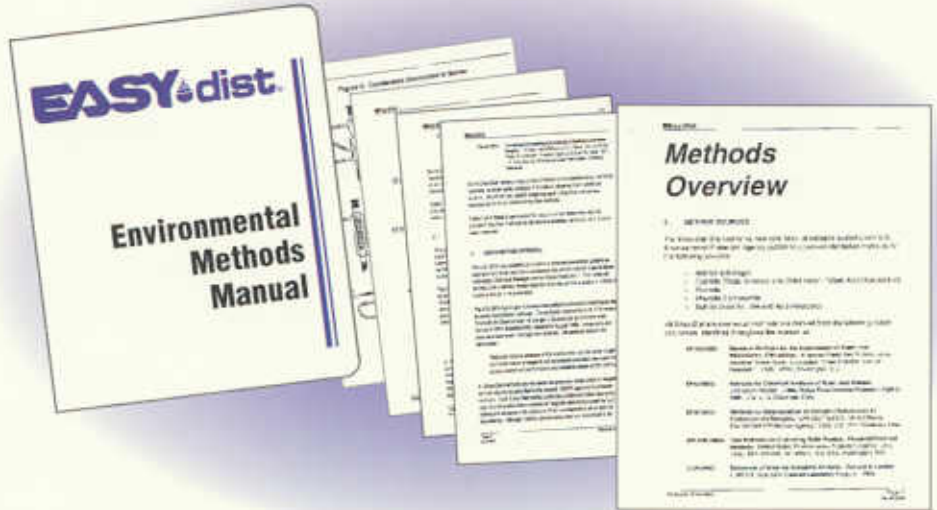
SECTION	CONTENTS
1.	Method References
2.	Summary of Method
3.	Sample Handling and Preservation
4.	Interferences
5.	Apparatus and Materials
6.	Reagents
7.	Procedure
8.	Calculations
9.	Quality Control Summary



EASY•dist

...unique solid-state controller, gives the operator complete flexibility in time/temperature/ramping selection.

EASY•dist environmental Methods Manual contains scaled-down versions of USEPA and other regulatory approved distillation methods. Every detail has been replicated including glass-to-glass connections in full compliance with the approved procedures. The manual provides step-by-step instructions.



EASYdist

Universal distillation system

Operation

Temperature

Control Range and Resolution:

50°C to 250°C in 1°C increments

Accuracy: +/- 2°C in control range

Amplitude (at setpoint): less than +/- 3°C

Repeatability: +/- 1%

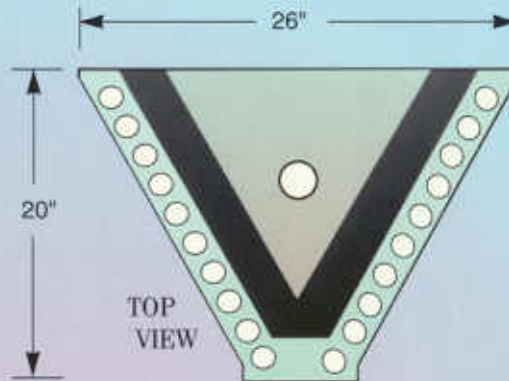
Stability: +/- 1%

Maximum Rise Rate: 15°C/min

Programmable Ranges

Parameter	Increment	Minimum	Maximum
Delay/Start	1 hour	0 hour	99 hours
Rate	0.1°/min	0°/min	40°/min*
Time	0.1 hour	0 hour	499.9 hours
Temperature	1°C	50°C	250°C
Overtemperature Cut-off	1°C	10°C	100°C

*Practical limits are 2°C-15°C/min.



System Specifications

Physical

Shipping Weight: 96 lbs.

Dimensions

Heating Unit: 11"H x 26"W x 20"D

Unit Assembled - 32"H x 31"W x 20"D

Electrical

Operating Voltage: 208-240 VAC, 60 Hz

Current: 12 Amps @ 220 VAC

Fusing: Two 15 Amp fuses @ 250 VAC

Catalog Number	Description
483-W001-01	EASYdist

Glassware Applications	Total Cyanide, Cyanides Amenable to Chlorination, Weak Acid Dissociable Cyanide Total Cyanide in Wastewaters Containing Thiocyanate		Cyanide with Sulfide Scrubber	Phenolics (water & Sediments)	Fluoride (Bellack)	Ammonia (Water & Sediments)	Sulfide, Acid-Soluble Sulfide, Acid-Insoluble		Sulfide Total
	1	2					1	1	
483-G001-01	1		1		1	1		1	1
483-G002-01	1		1						
483-G003-01	1		1						
483-G004-01	1		1						
483-G005-01			1				1		
483-G005-02	1								
483-G006-01	1		2				2		
483-G008-01							1		
483-G008-02			1						
483-G009-01				1	1	1			
483-G010-01				1		1			1
483-G011-01							1		
483-G011-02									1
483-G012-01				1	1	1			1
483-G014-01							1		
483-G015-01							1		
483-G016-01						1			
483-G018-01					1				
483-G020-01				1	1	1			
483-G024-01							1		

Other distillations available, call for information.



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