

ACCU-TECH® Pollution Control Systems for Silver Recovery

ACCU-TECH® has developed a logical approach to pollution control for silver recovery.

The systems work on the galvanic reaction principle whereby an electrical charge is produced chemically, plating high-grade silver onto replaceable recovery cells.

ACCU-TECH® systems, designed for maximum EPA efficiency, can also be used as an ideal tailing system to bring existing electrolytic units into EPA compliance.



ACT I™

(2-15 gallons/mo.)
Capacity:
150 Gallons or
12 Months

Catalogue #3607

List Price: \$308.00

TANDEM 100™

(15-35 gallons/mo.)
Capacity: 70 Troy Ounces or
2,174 Grams
200-300 Gallons

Catalogue #3605

List Price: \$536.00

TANDEM 200®

(35+ gallons/mo.)
Capacity: 90 Troy Ounces or
2,799 Grams
350-450 Gallons

Catalogue #3600

List Price: \$714.25

Replacement Cells

2 per box

Catalogue #3601

List Price: \$124.25

Replacement Cells

2 per box

Catalogue #3606

List Price: \$108.25

Replacement Cells

2 per box

Catalogue #3601

List Price: \$124.25

DESCRIPTION	ACT I™			TANDEM 100™			TANDEM 200®		
GALLONS/MO.	2-15			15-35			35+		
SUGGESTED PLATING CAP.	38 Troy Ounces or 1,180 Grams			70 Troy Ounces or 2,174 Grams			90 Troy Ounces or 2,799 Grams		
SILVER CONTENT T.O./GALLONS	TOTAL GALLONS	SILVER CONTENT GM/LITER	TOTAL LITERS	TOTAL GALLONS	SILVER CONTENT GM/LITER	TOTAL LITERS	TOTAL GALLONS	SILVER CONTENT GM/LITER	TOTAL LITERS
1/8	150	1.00	568	560	1.00	2120	720	1.00	2730
1/4	150	2.05	568	280	2.05	1060	360	2.05	1365
1/3	110	2.71	415	210	2.71	795	270	2.71	1033
MAXIMUM FLOW RATE	125 ml/min.			125 ml/min.			125 ml/min.		
OVERALL DIMENSIONS	12"W x 12"D x 13.125"H			17"W x 11"D x 13"H			19"W x 13"D x 15"H		

POLLUTION
ABATEMENT
DEVICES



Silver Trap Windows

- Clean, safe and fast replacement
- Heavy duty iron-matrix screen core
- Unique clear plastic see-thru design
- Integral cell and shipping jar in one
- Ideal for all fixers

The silver-filled exhausted window unit can be easily replaced in a few minutes. The silver trap unit has a unique plastic housing for optimum monitoring and visual observation. When drained of the liquid, the used plastic cell housing becomes a convenient airtight shipping container. The unit can also be easily rinsed to meet EPA shipping regulations. The silver-laden used cell can then be sent to refining inside the reusable cardboard box that made up its original package.



Catalogue #3611



Catalogue #3612

Catalogue #3630-36 Silver Trap Window 36 Gallons

List Price: \$307.25

Catalogue #3612 Silver Trap Window Compact

List Price: \$80.99

Catalogue #3612-R Replacement Cells

List Price: \$54.70

Catalogue #3611 Silver Trap Window

List Price: \$98.50

Catalogue #3611-R Replacement Cells

List Price: \$65.75

Catalogue #3614 Silver Trap Window Wrench

List Price: \$26.25

Catalogue #3613 Silver Trap Wall Mount Bracket

List Price: \$38.25

INSTALLATION	MODEL #	SINGLE CELL	TANDEM CELLS	3 CELL SERIES
SILVER CAPACITY	ST-WD ST-WDC	100 Troy Oz * 50 Troy Oz *	200 Troy Oz * 100 Troy Oz *	300 Troy Oz * 150 Troy Oz *
VOLUME CAPACITY				
Primary Use	ST-WD ST-WDC	300 gal (1,136 liters) 150 gal (568 liters)	500 gal (1,893 liters) 250 gal (947 liters)	700 gal (1,850 liters) 350 gal (1,325 liters)
Electrolytic Back-up Use	ST-WD ST-WDC	1,000 gal (3,785 liters) 500 gal (1,893 liters)	1,500 gal (5,678 liters) 500 gal (1,893 liters)	2,000 gal (1,850 liters) 700 gal (1,850 liters)
MAXIMUM FLOW RATE				
Both primary and electrolytic backup use	ST-WD ST-WDC	0.8 GPH (3.0 liters/hr) 0.4 GPH (1.5 liters/hr)	1.6 GPH (6 liters/hr) 0.8 GPH (3 liters/hr)	2.4 GPH (9 liters/hr) 1.2 GPH (4.5 liters/hr)
	ST-WD ST-WDC	100 ml/min (intermittent) 50 ml/min (intermittent)	200 ml/min (intermittent) 100 ml/min (intermittent)	300 ml/min (intermittent) 150 ml/min (intermittent)





Phase One Fixer Treatment Cartridges

Provides inexpensive, reliable initial desilvering of x-ray fixers. When properly installed they will eliminate the risk of “channeling” or leaking. PHASE ONE CARTRIDGES are an effective first step in achieving EPA compliance for effluent discharge. Available in 3 and 5 gallon capacities.

CAT. #	LIST PRICE
#3630-3	\$86.75
#3630-5	\$119.25

Catalogue #3630-3 (3 gal. capacity)

Specifications

DESCRIPTION	CAT. 3630-3	CAT. 3630-5
VOLUME	3.5 Gallons	5 Gallons
MEDIA WEIGHT	4 lbs.	8 lbs.
CAPACITY FIXER	120 Gallons	240 Gallons
MAXIMUM LIFE*	9 Months*	9 Months*
MAXIMUM FLOW RATE*	100 ml per minute*	100 ml per minute*
DIMENSIONS	12.0”D x 11.5”H	12.0”D x 15.0”H
PORT HEIGHT	9.0”	12.25”
SHIP WEIGHT	7 lbs.	13 lbs.
POSITION OUTLET	90 Degrees	90 Degrees
TYPE	Steel Wool	Steel Wool
FITTINGS	3/4” Hose	3/4” Hose

* Flow rate and life of the cartridge is dependent upon the type of fixer and pH of the fixer.



Final Phase Treatment System

Treats 1000 gals of Combined Developer & Fixer

The FINAL PHASE TREATMENT SYSTEM completes the process of effluent treatment prior to final discharge. When used in conjunction with a metallic replacement recovery device, such as Phase One, the Final Phase ensures EPA compliance for pH, BOD-5, COD, suspended solids, iron and silver discharge.

Final Phase Provides:

- pH neutralization of waste developer and fixer
- Reduced maintenance of drains by filtering out suspended solids and sacrificial iron released in the development and silver recovery process
- Reduced BOD-5 & COD Levels
- Single point sampling of process or discharge
- Final desilvering of developer, fixer and wash water (Final Phase must be used downstream of metallic exchange type recovery device in order to provide desilvering function)

BROCHURE AVAILABLE

Specifications

Diameter 12"
 Total Height 15"
 Inlet Height 12 1/2"
 Outlet Height 7"
 Fittings 3/4" Hose
 Capacity 1000 Gallons
 Flow Rate 1 1/2 GPM



Catalogue #3618

Catalogue # 3618

List Price: \$198.50



Catalogue #3620

BROCHURE AVAILABLE

EPAN Chamber

- No electricity required.
- Pre-treatment device for graphic and x-ray photo processor and silver recovery effluent.
- Removes sediment before it enters the drain.
- Reduces darkroom drain blockages.
- Reduces drain deterioration from chemical precipitation and reaction.
- Dilutes and neutralizes system discharges.
- Easily pays for itself many times over.

- Further reduces silver discharge levels to help meet EPA requirements.
- The final solution for your processor drain problems.
- Height: 11" for 3.5 gal. & 19" for 6.5 gal.

Catalogue #3620

3.5 Gallon EPAN Chamber

Catalogue #3621

6.5 Gallon EPAN Chamber

List Price: \$289.25



Catalogue #3625

EPAN Installation Kit

(sold separately)

Includes hose, clamps, adapters and elbows to facilitate hook-up to virtually any film processor.

Catalogue #3625

List Price: \$59.25

