



BETTS
Envirometal

IMG Silver Recovery Systems

Electrolytic silver recovery units for X-ray, graphic arts,
microfilm, and black and white processing.



ARU-700

RU-4

ARU-2100

ARU-1200

The IMG Automatic Recovery Units (ARU's) are highly effective electrolytic silver recovery systems designed to meet the environmental needs of X-ray, graphic arts, and black & white photo facilities.

ARU-700, ARU-1200, and ARU-2100 models feature state-of-the-art, digital microprocessor controls, and digital display and keypad for easy calibration and information storage. These models automatically control and optimise the plating current as the silver concentration varies in the fixer solution

Plus...

- The digital microprocessor calculates Amp-hours (plating activity) since the cathode was last desilvered. This automatic quality control function allows the operator to monitor silver recovery performance.
- Special stand-by mode prevents sulphiding during slow production periods. If there is too little silver present to enable plating, the unit will revert to stand-by mode.
- A flashing error message appears if the unit is not plating silver.
- An optional current ring is available to track fixer replenisher usage.
- All units include liquid tight, teflon sealed drive shaft bearing assemblies.

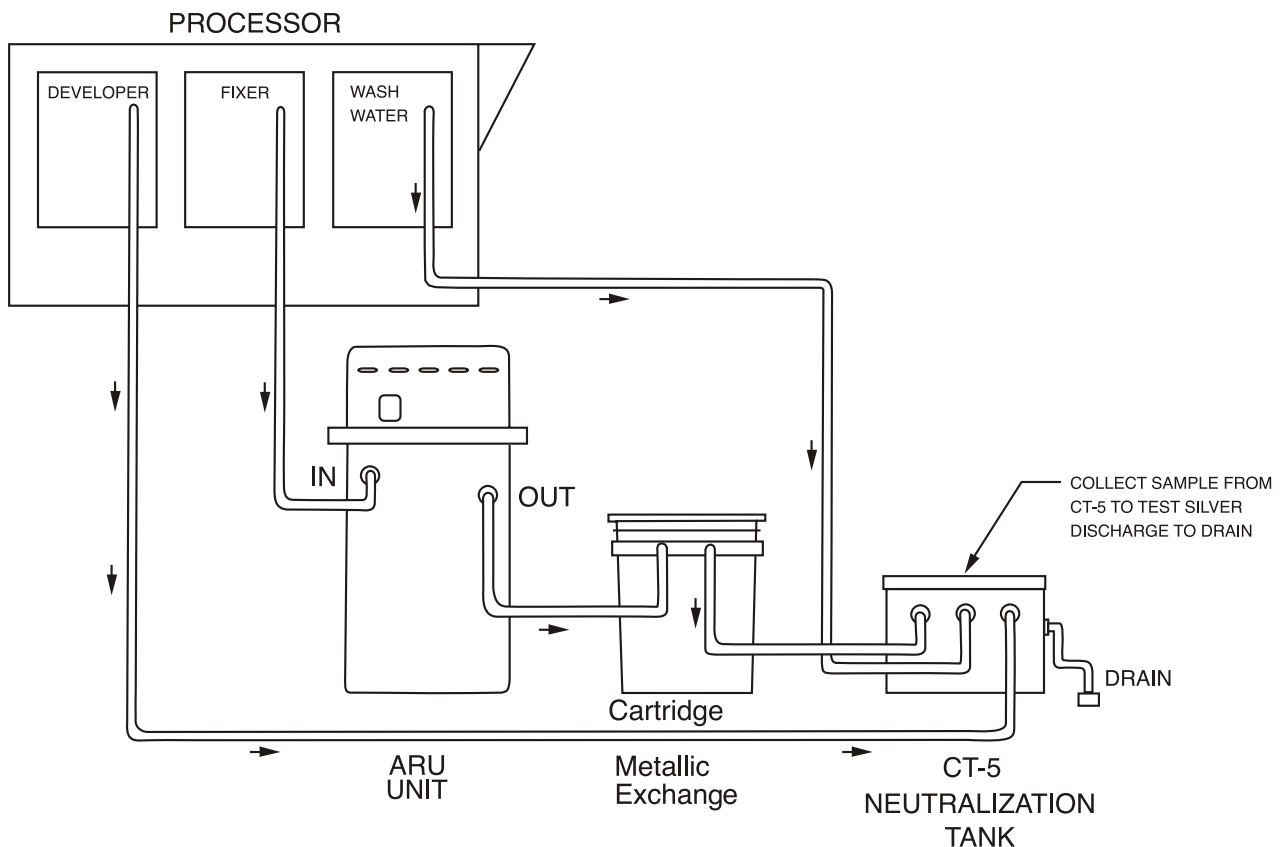
Specifications

	RU-4*	ARU-700	ARU-1200	ARU-2100
Recovery capacity (approx)	15 gms/hr	25 gms/hr	50 gms/hr	100 gms/hr
Typical application (fixer only)	6 litres / 8 hrs	10 litres / 8 hrs	15 litres / 8 hrs	30 litres / 8 hrs
Tank capacity	7 litres	20 litres	20 litres	35 litres
dimensions (centimetres)	25W x 25D x 43H	38W x 38D x 52H	38W x 38D x 53H	38W x 38D x 70H
Cylindrical cathode size	14cm Dia. x 15cm H	20cm Dia. x 10cm H	20cm Dia. x 15cm H	20cm Dia. x 30cm H
Shipping weight	7kgs	15kgs	20kgs	22.5kgs
Electrical specifications	240 V 50Hz 20 W	240 V 50Hz 20 W	240 V 50Hz 20 W	240 V 50Hz 100 W
Locking feature	YES	YES	YES	YES
Inlet/Outlet tubing Included:	½" (12.7mm) ID 25cm	¾" (19.1mm) ID 25cm	¾" (19.1mm) ID 25cm	¾" (19.1mm) ID 25cm
Typical plating range	0.5 - 4.0 amps	1 - 7.0 amps	1 - 12.0 amps	1 - 24.0 amps
Inlet Height	24cm	24cm	24cm	40cm

Minimum silver concentration 0.5 gm/lt pH 4.5; max. silver concentration 5.0 gm/lt pH 4.5

*Semi-Automatic Operation

Typical Installation



NOTE: To prevent flooding - ARU and RU work on gravity flow from the processor to the drain. Maintain a minimum of 5cm difference in height between the processor, electrolytic unit, and Vault-1 inlet/outlet fittings.

Betts Envirometal is a member of the Photo Imaging Council - Photo Waste Group, which represents companies offering solutions to waste disposal requirements of the photographic industry



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