



FOR USE IN MAINTAINING STEADY STATE OPERATION OF AMMONIACAL ETCHANTS AND SOLDER STRIP CHEMISTRY

RELIABLE and ACCURATE

- Rugged PVC design
- External calibration screw
- Manual pump control for system testing
- Simple installation
- Improved process control
- Reduces downtime for bath make-ups in solder strip applications

The WC-90 Series specific gravity controllers are designed to accurately maintain the metal concentrations of ammoniacal etchants and single-step nitric-based solder strips.

The result is a consistent etch / strip rate, extended bath life before a fresh make-up is required, reduced scrap and reduced downtime.

The operating solution is pumped into the bottom of the sump at the controller, impinges on a baffle plate and returns by gravity to the tank. A float that has been calibrated to work at your optimum specific gravity rises with increasing metal concentration and triggers a pump to add fresh, metal-free solution and remove saturated solution.

The set point is adjustable via a screw located on top of the controller; the weight of the float need not be altered.

SPECIFICATIONS

MODEL	WC-1	WC-92	WC-93
Power requirements	115 VAC, 50 / 60 Hz	230 VAC, 50 / 60 Hz	
Power cords	USA	DIN	UK
Control output	6 Amp (resistive) at 115 VAC	3 Amp (resistive) at 230 VAC	
Solution inlet	Compression fitting for ¼" O.D. tubing		
Solution outlet	Hose barb fitting for ½" I. D. tubing		
Accuracy	...0.002 Specific gravity (...0.25° Baumé)		

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