Micro E-Control

The MicroE-Control system is the most advanced, easy-to-operate, and attractive effluent management and silver recovery system on the market today. It is fully-automated, desilvers at a rate up to 1000 ml/minute (0.26 gal/min) and maintains silver levels less than 5 ppm — all in a footprint of only 2 ft2. The MicroE–Control has a programmable monitoring and metering system that controls and tracks the flow of silver-rich and non silver-rich solutions from on-board holding tanks. The silver-rich solutions are metered through MiX eXchangers containing MetaWool. MetaWool is a patented revolutionary medium that uses iron efficiently, performs consistently and virtually eliminates channelling allowing for significantly higher flow rates than most MRCs.

Unique to the MicroE-Control is our Enviro-Jet system, an automated commingling system that keeps drains virtually clog-free forever. The Enviro-Jet accepts all spent photo processing chemicals — both desilvered and nonsilver-rich — commingles them, and jets them down the drain under pressure. The solution clears the drain before any sludge has a chance to form. After the batch of solution is discharged, the Enviro-Jet flushes the drain to remove any residual chemicals from the pipes. Pipes remain clear without using drain cleaners that are potentially hazardous to employees’ health, corrosive to sewer pipes and may cause pH to exceed sewer ordinance limits. The Enviro-Jet is also used for many other functions. Its rinse ‘n’ vac feature flushes and empties MRCs to meet transportation regulations, rinses and empties processor, tanks and vacuums spills.