

SilvPROBE 2000™

Automatic Sensing and Control for Electrolytic Cells

SilvPROBE 2000: simple, effective silver monitoring.

This easy to use, yet sophisticated control module measures silver concentrations in fixer solutions continuously and automatically.

SilvPROBE 2000 is designed to measure the silver concentration in closed-loop fix recirculation systems, color film fix, black & white fix, or motion picture film fix. Setting the calibration and separate span settings can be done in seconds with the SilvPROBE 2000 keypad and menu display.

SilvPROBE 2000: how it works.

The SilvPROBE 2000 measures the silver concentration in the fix solution and displays the concentration in grams per liter (gm/l). The SilvPROBE 2000 generates a 4 to 20 milliamp (ma) signal (optional 0-5 VDC signal) used to drive the proportional continuous current controller built into the SilvPAC-RS and SilvPAC-RS/LM silver recovery units.

As the silver concentration increases the cell current of the SilvPAC-RS & RS/LM units increase to recover the silver. As the silver concentration decreases, the cell current decreases. This provides consistent control of the silver concentration in the fix loop.

An optional two stage amperage control (low and high) using two adjustable set point relays is available for silver recovery equipment using this type of control. Set points for these controls are shown on the digital display menu and are easy to set.



SilvProbe 2000

This control module measures silver concentrations continuously and automatically.

SilvPROBE 2000: around the clock control.

The SilvPROBE 2000 monitors the fix loop 24-7 providing a continuous display of the silver concentration. When film processing begins and the silver concentration increases, the SilvPROBE 2000 output signal activates the SilvPAC-RS or RS/LM unit.

The SilvPROBE 2000 is compatible with most brands of electrolytic silver equipment. In most cases all that is needed is to connect the control wires from the electrolytic unit to the SilvProbe 2000. CPAC's Technical Service Department will be able to assist you at (716) 382-3223.

Manufactured by

CPAC Equipment Division

2364 Leicester Road • Leicester, New York 14481 • Telephone (585) 382-3223
Fax (585) 382-9481 • www.cpacequipment.com

Specifications

Silver Level Display: 0.00 to 4.99 1¹/₂ digit LED display

Sensor Type: Differential Silver Ion 6 wire, self-buffering/amplifier

Servicing: Easy access to control adjustments

Recovery Cell Connection: 4-20 ma, 0-5 VDC (optional), 2 relay contacts high/low (optional)

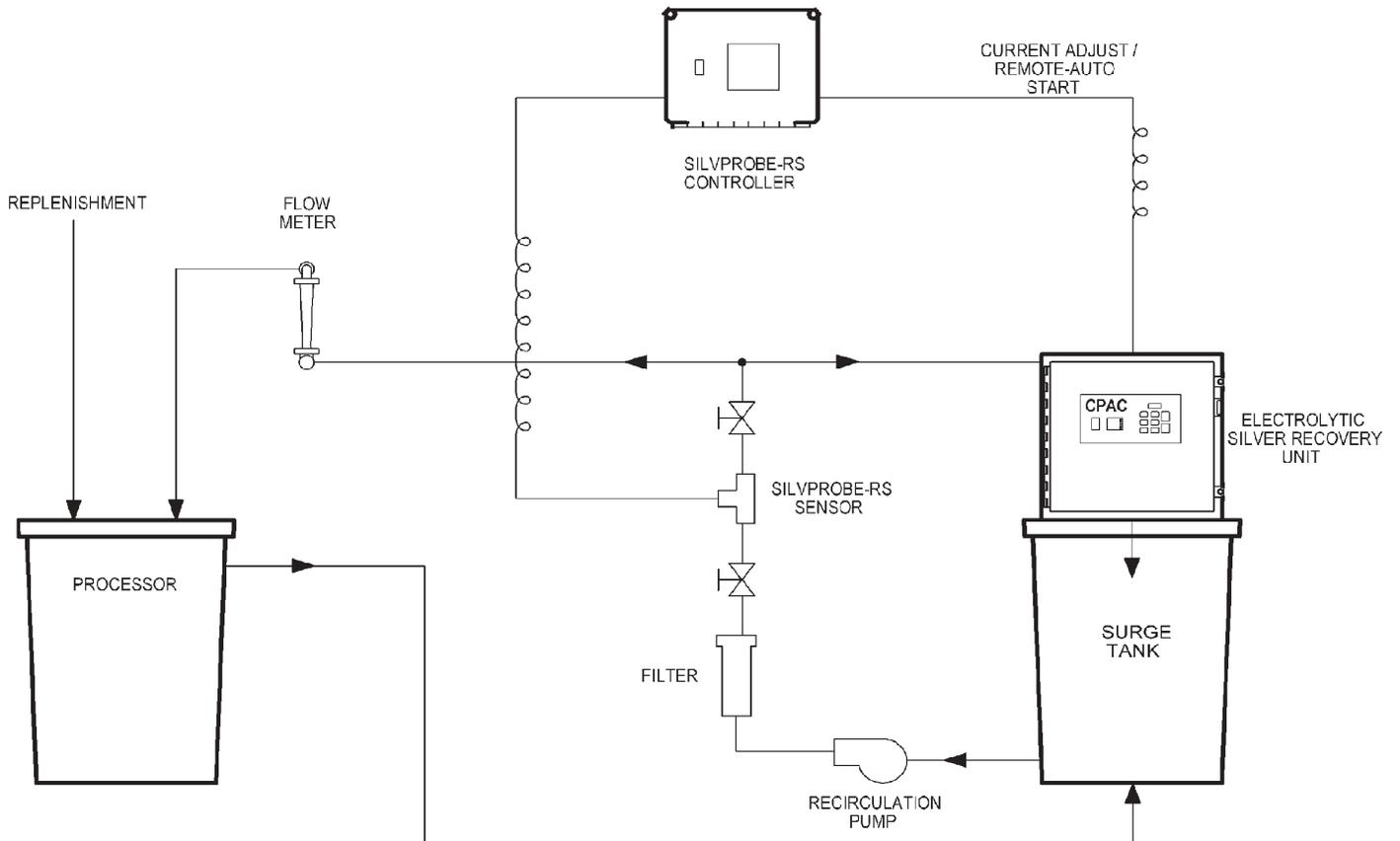
Relay Capacity: 115 VAC, 5 amp (resistive); 230 VAC, 5 amp (resistive); 1/3 HP

Electrical: 115 VAC, 2 amp; 230 VAC available; 50/60 Hz

Processes: Any conventional fix

Connections for: Silver recovery cell, remote auto start, graph recorder

Typical Installation



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