

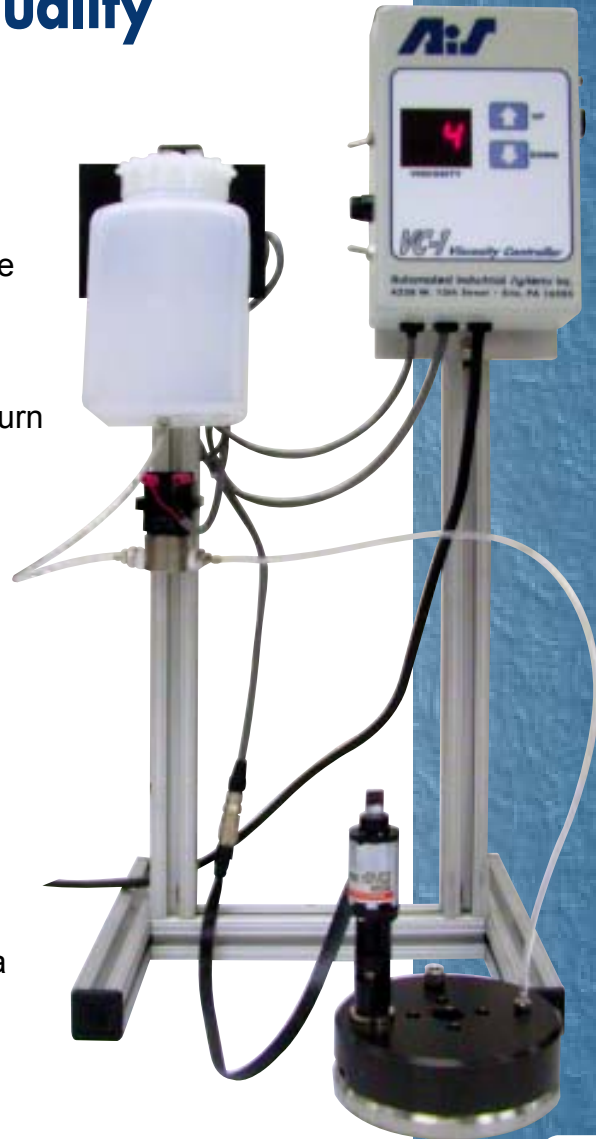
VC-1 Viscosity Controller

Automatically regulate ink viscosity Increase production Improve mark quality

Ink viscosity is maintained by setting the desired parameters in the electronic control program. The VC-1 continuously monitors the ink viscosity and compares it to the preset value. When the viscosity increases beyond the desired level, the unit adds solvent to return the ink to the desired viscosity.

Mounted directly in the sealed ink cup, the VC-1 eliminates the need for off-printer ink reservoirs and allows for fast and easy clean-up and color changeover.

With visual and audible alarms, the VC-1 notifies the operator that the system needs attention or stops the printer in the event of a fault condition. It has a self-check mode to verify the unit is functioning correctly.



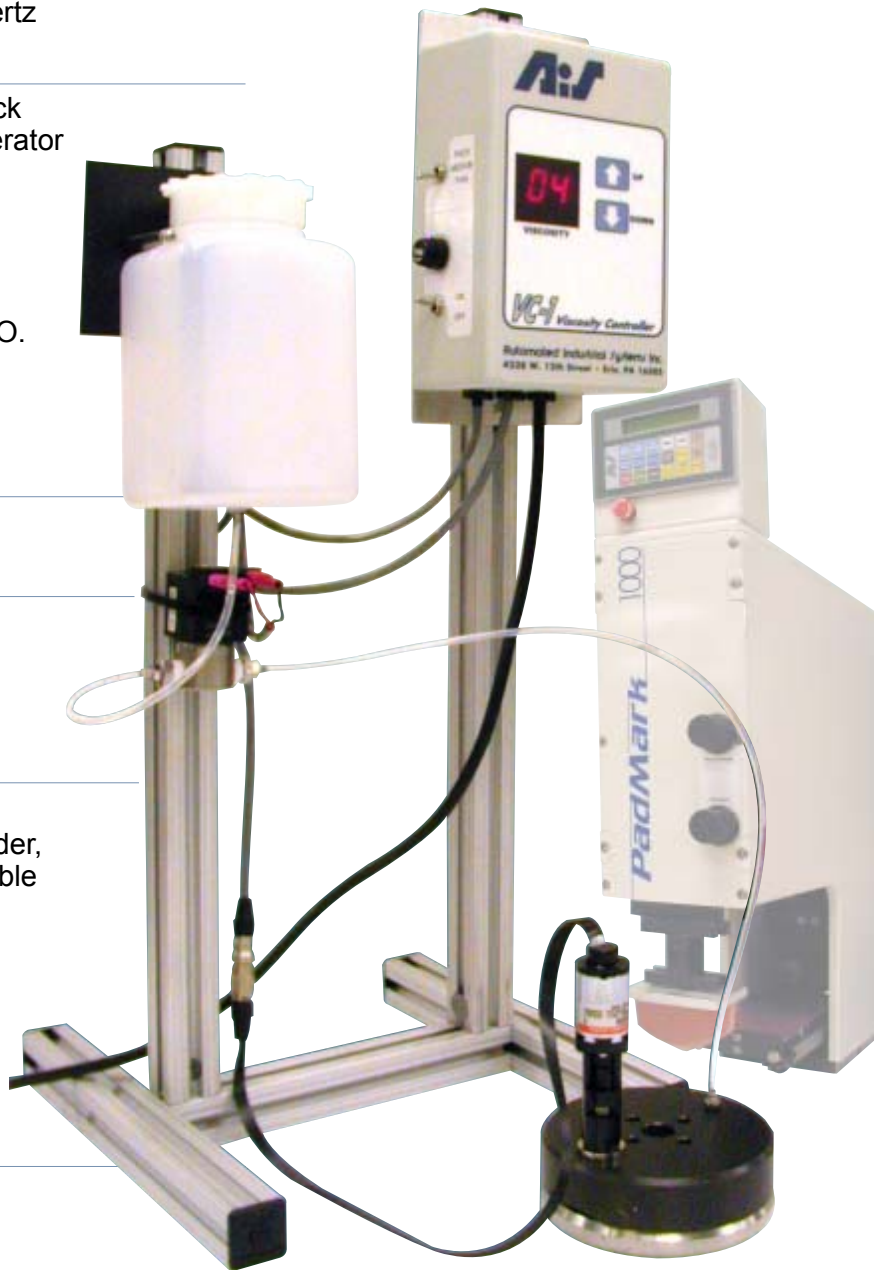
Retrofits to Most Sealed Cup Pad Printers



VC-1 Viscosity Controller

SPECIFICATIONS

POWER REQUIREMENTS	<ul style="list-style-type: none"> • 120 VAC, .5 amp, 50/60 hertz
DIAGNOSTICS	<ul style="list-style-type: none"> • 1 button quick system check • F1 – F4 alarms to alert operator of empty solvent bottle, low ink in cup, or motor/solenoid problems <ul style="list-style-type: none"> • Internal piezo audible alarm • Auxiliary connector, N.O. relay contacts • (120 VAC, .5 amp contact rating)
DISPLAY	<ul style="list-style-type: none"> • Two digit, .75" high red LED readout
CONTROL VALVE	<ul style="list-style-type: none"> • 24 VDC normally closed solenoid valve • Stainless steel body • Teflon seals
MOTOR ASSEMBLY	<ul style="list-style-type: none"> • 24 VDC with 16 CPT encoder, 18" long plug in motor cable • Low inductance for longer brush life • Ironless rotor for smooth rotation, even at low speeds • High efficiency, low power consumption
SOLVENT RESERVOIR	<ul style="list-style-type: none"> • Constructed of HDPE • 500 milliliter capacity • Gravity feed system (reservoir and control valve must be mounted higher than sealed ink cup)
DIMENSIONS	<ul style="list-style-type: none"> • Control unit, 5" wide X 2.75" deep x 8" high • Control valve, 2" wide X 2" deep X 2" high • Motor assembly, 1" diameter X 3.5" high • Solvent reservoir, 3.5" wide X 2.75" deep X 5.5" high



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