



# **FOCUS TECH PROCESS CHEMICALS**

## **Technical Data Sheet**

### **AUTOdose PC-1001**

#### **Panel Count Controller**



#### **Description**

The AUTOdose PC-1001 provides accurate, reliable control for most conveyORIZED processes using panel count technology to initiate replenishment. It controls solution concentration, chemistry replenishment and bath loading. It will automatically deliver chemical concentrate directly from factory packaging or can be adapted to replenish from working solution day-tanks. The AUTOdose PC-1001's user friendly, easy-to-install, versatile design, allows it to be used with several different chemical processes.

#### **Features**

High quality process instrumentation

Automatic delivery of replenishment chemicals from factory packaging or from working solution directly to the process

Compact, wall mount design

#### **Benefits**

Accurate, reliable process control

Minimizes chemical handling

Saves space and is easy to install

## Theory of Operation

The PC-1001 allows the user to vary chemical feed rate, replenishment time, and panels processed per chemical addition. The process can be adjusted to determine the best replenishment scheme for consistent control.

For developers or strippers, the proportioning pump automatically draws concentrate directly from a drum and mixes it with water at a set proportion that is independent of the water flow rate. It can also be configured to draw working solution from a day-tank and not require a separate water supply. This control strategy consistently maintains process parameters within approximately 5% variation.

For etchers, the dual bellows pump allows for a feed and bleed system to maintain a consistent process in concentration as well as level.

## System Requirements - Developers/Strippers

Electrical	120 VAC, 60Hz, 10 amps
Dimensions	42" X 34" X 10" (H X W X D)
Water	1 – 10 gpm

## System Requirements - Etchers

Electrical	120 VAC, 60Hz, 10 amps
Dimensions	21" X 24" X 10" (H X W X D)
Water	n/a