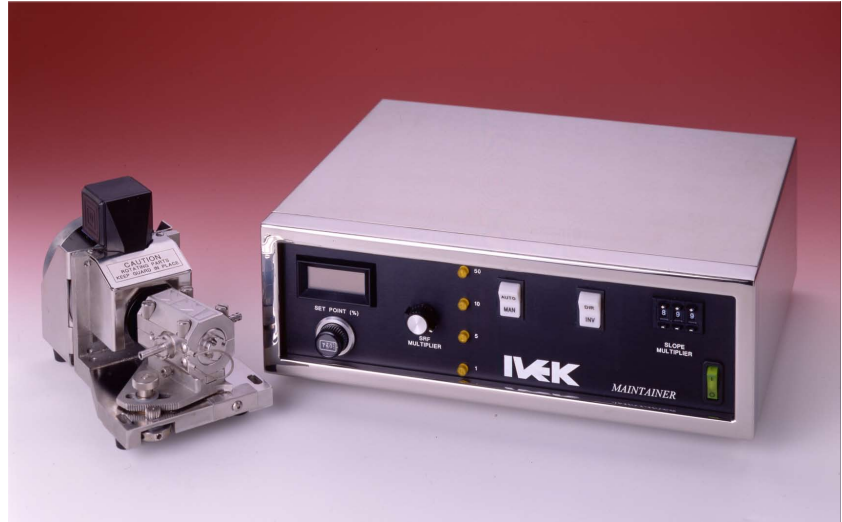


The IVEK Maintainer is a unique liquid metering system, which provides automatic continuous set-point of process variables in chemical biological systems.

The controller is easily programmed by the user and can be interfaced directly with a process monitor instrument such as a pH meter, auto-analyzer, or other electrodes in order to provide process control.



maintainer controller module  
29.8cm x 37.5cm x 14.3cm

The Maintainer system is designed to provide a metering rate that is proportional to the process deviation from a set-point so that overshoot is virtually eliminated while process stability is greatly enhanced. Applications for the Maintainer include biological fermentation systems, chlorination, electroless plating control, mineral separations, wastewater control, flocculent additions and pH control.

All Maintainer systems utilize IVEK's unique valveless, positive displacement ceramic metering modules and stepping motor/base assemblies. The motor/base units can be either heavy duty or Microspense AP modules depending upon the volume of flow required. This system is capable of repeatably delivering fluids at 0.1% CV.

Control functions are switch selectable or set through a front panel digital thumbwheel switch. Direct or inverse proportioning is available with other options for meeting customer application requirements.

IVEK Corporation's electrical, mechanical, chemical and biochemical engineering expertise is available for advice, ample testing and statistical evaluations to aid in designing systems suited to the unique requirements of its customers.

**ISO 9001 CERTIFIED**