

FLUID CIRCULATION MODULE

LIQUID METERING SYSTEM

FEATURES AND BENEFITS

- forward / reverse
- choice of two pump sizes; 50 μ l and 100 μ l maximum displacement per revolution
- flow ranges for 50 μ l capacity pump to 3000 μ l/minute (60rpm) and 3600 μ l/minute (72rpm)
- flow ranges for 100 μ l capacity pump to 6000 μ l/min (60rpm) and 7200 μ l/minute (72rpm)
- on/off switch and front panel power indicator
- variable flow rate by changing pump displacement volume
- motor speed. 60 RPM for 50Hz, systems and 72 RPM for 60Hz systems
- pump case available in 316 stainless steel and tefzel
- available in 115VAC or 230VAC models
- North American or International line cord
- CE certified
- one-year warranty

TYPICAL APPLICATIONS

- gland fluid seal and circulation
- low volume continuous flow applications
- laboratory metering
- time-based chemical additions
- maintaining fluid suspensions

displacement IVEK pumps with internal ceramic components offer durability, repeatable displacement, and low maintenance. The piston/cylinder set within each pump module is made from high-density Alumina ceramic. Each pump module must pass a stringent quality assurance procedure that includes measuring the mated components to 0.0254 microns. The specialized machining of these parts is performed in-house, and each matched set of piston and cylinder are laser engraved with a serial number. The combination of the ceramic material's physical characteristics of low friction, hardness, and stability means that no compliant seals are used, thus eliminating a part that requires frequent replacement in other pump designs.



fluid circulation module
11cm x 21.5cm x 12cm

IVEK's Fluid Circulation Module is a self-contained liquid metering system in a compact enclosure. This Fluid Circulation Module has been designed to continuously meter low flow rate repeatable volumes while providing excellent chemical compatibility. The Module operates on a stand-alone basis or as an auxiliary unit to an IVEK dispensing system that is performing an application that requires a fluid to be circulated through a gland port machined into the dispensing pump. Applications that frequently require a gland pump include: clean-in-place (CIP) flushing, cyanoacrylate dispensing, and electrolyte dispensing.

The pump displacement mechanism is simple and once set, requires no further operator adjustments. Positive



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED



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