

MULTISPENSE

MULTIPLE CHANNEL LIQUID DISPENSER

1-800-356-4746

FEATURES AND BENEFITS

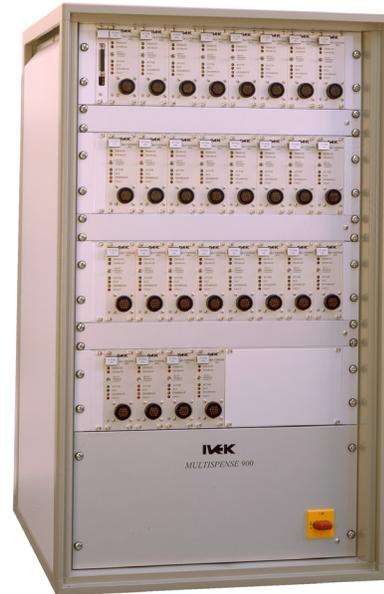
- single controller with multiple channel capacity (31 maximum)
- outstanding precision and reliability and low maintenance
- custom engineered for integration on other production equipment
- all channels linked through central logic
- individual channel enable/disable
- sub-microliter to 1 liter fills

OPTIONS AVAILABLE

- remote touch screen controls
- NEMA 12, 4X and stainless steel enclosures
- CE certification
- independent channel control
- custom software as applications require
- rotary reciprocating or linear actuators available

TYPICAL APPLICATIONS

- contact lenses
- transdermal patch manufacturing
- pastes and abrasives
- vial and syringe fills
- diagnostic kit manufacturing
- shampoos and personal hygiene products
- flavors, essences, fragrances and colorants
- reagent filling
- resins and lipids
- epoxies, cyanoacrylates, UV curable and other adhesives



multispense 900 controllers



multispense close up



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED



IVEK CORPORATION • 10 FAIRBANKS ROAD • NORTH SPRINGFIELD • VERMONT • 05150 • USA
TEL: (01) 802-886-2238 • FAX: (01) 802-886-8274 • TOLL FREE IN NORTH AMERICA: 800-356-4746

MULTISPENSE

MULTIPLE CHANNEL LIQUID DISPENSER

IVEK offers a series of Multispense systems that are designed to dispense precise fluid volumes in a multiple channel configuration. Multispense systems can be custom configured, thereby providing capability of 31 dispensing channels from one controller module. Additional controllers can be interfaced to provide as many channels or pumps as needed. Typical dosing volumes range from sub-microliter to several milliliters. Each multiple channel system is custom manufactured to meet specific application requirements.

IVEK'S Multispense 900 and 2000 series controllers include easily accessible Eurocard channel boards and standard RS232 interface ports for programming operating parameters by a user-supplied computer. All Multispense 900 and 2000 controllers include a system PLC interface to accept Trigger Input and return Ready Output and Fault Output signals, optimizing their integration onto modern production lines. Optional PLC Independent Channel Trigger Input and Channel Ready/Fault Output provide the flexibility of individual channel control.

The Multispense 900TS and 2000TS series controllers include remote Touchscreen operator interface. All Multispense operating parameters are set and monitored through the Touchscreen. Also provided are three levels of permission (Operator, Manual and Supervisor) and ability to save/retrieve 25 recipes.



linear actuators
used with multispense 2000 systems



rotary motor/base/pumps
used with multispense 900 systems

IVEK's ceramic piston/cylinder modules are extremely hard and resist abrasion, resulting in a system that exhibits little to no wear even after hundreds of millions of cycles. In addition, the ceramics are compatible with most acids and bases. The natural crystalline structure of the ceramics displays zero porosity, which insures zero retention and carry-over of one biological fluid to the next.

PRECISION ENGINEERED FLUIDIC SOLUTIONS SINCE 1979

IVEK Corporation is committed to quality and customer support. Our product has always been relied upon for critical applications and our policy states customer satisfaction as the number one priority. As our customer you will experience exceptional performance and reliability for your most demanding applications. IVEK Corporation is ISO 9001 and ISO 13485 certified.



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