

IVEK's Digispense line of rotary and reciprocating pumps is designed for dispensing applications that require precision and reliability. All of the components chosen for the system require minimal maintenance and feature digital control over the dispense parameters. The DIGISPENSE line is capable of dispensing volumes from fractional microliters to hundreds of milliliters with repeatability to 0.1% c.v.

The DIGISPENSE 800 and 700 are dispensing systems that feature digital rate adjustments to 1200 rpm through a stepping motor drive. These systems can meter or dispense in a forward or reverse direction. The DIGISPENSE 700 has the additional ability for a programmed drawback stroke at the completion of a dose.

The DIGISPENSE 10 and 10-7 are dispensing systems that feature high speed (2400rpm max.) DC Brushless motor drives and quiet operation. These systems can dispense in a forward or reverse direction. The DIGISPENSE 10-7 has the additional ability for a programmed drawback stroke at the completion of a dose.



CERAMIC PUMP MODULE FEATURES

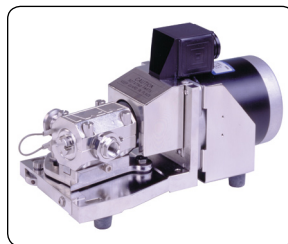
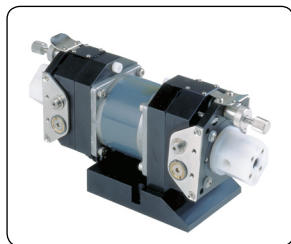
- CERAMIC MATERIAL - ALUMINA, STABILIZED ZIRCONIA
- WETTED COMPONENTS - TEFLON, ELASTOMERIC END SEAL, CERAMIC
- GLAND - REAR DYNAMIC LIQUID SEAL FOR CLEANLINESS AND TO PREVENT SEIZURE
- HEATER CARTRIDGE PORTS-CONTROLLED HEATED OPTIONS

MOTOR/BASE MODULE FEATURES

- NEMA-4, 4X AND 12X ENCLOSURES AVAILABLE
- HIGH TORQUE 2 AND 3 STACK STEPPING MOTOR MODULES
- SINGLE AND DUAL ENDED STANDARD, HEAVY-DUTY AND MICROSPENSE MOTOR/BASE OPTIONS

CONTROLLER OPTIONS

- PLC INTERFACE
- ALARM OUTPUTS
- 4 DIGIT STROKE-SELECTS 0000 TO 9999 STROKES PER DISPENSE
- COMPUTER INTERFACE-RS232 CONTROL OVER DISPENSING PARAMETERS



TYPICAL APPLICATIONS

- DISPENSING FOR DIAGNOSTIC TEST KITS
- TRANSDERMAL DRUG DISPENSING
- PHARMACEUTICAL PROCESSING
- FLAVOR AND ESSENCE ADDITIONS
- LUBRICANT DISPENSING
- ELECTROLYTE DISPENSING FOR BATTERIES
- CHEMICAL METERING
- CONTACT LENS APPLICATIONS
- METHADONE DOSING
- UV ADHESIVES
- CYANOACRYLATES
- ADHESIVES
- PERFUME DISPENSING
- VITAMIN ADDITIONS AND MANY MORE

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