

MEGASPENSE

LIQUID PUMP HEAD MODULE

FEATURES & BENEFITS

- Quick disassembly
- Stainless Steel or Aluminum motor/base & pump options available
- Stroke length calibration is retained after disassembly
- Ceramics can be autoclaved independently
- Easily replaceable high performance Teflon or custom seals
- Easily interchangeable components
- Self-priming
- Cleaning commonly accomplished through flushing procedure (CIP)

ADAPTER FITTING SYSTEMS

- Efficient flow design – no dead legs
- Variety of standard choices up to 1"
- Custom fittings available on request
- Easy assembly/disassembly
- Variety of nozzles available
- Standard materials: stainless
- Sanitary, chemically resistant design

CERAMIC PUMP MODULE FEATURES

- High purity Alumina
- Pump sizes: up to 15ml/stroke
- Capable of up to 5L/minute
- Custom modifications available
- Optional lip/face seal available for increased sealing
- Optional gland port available for fluid recirculation
- Laser-etched serial numbers on each part
- Piston/cylinder sets are matched



Single End 44.4cm x 21.4cm x 20.6cm



Dual End 68.2cm x 24cm x 20.6cm



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LIQUID PUMP HEAD MODULE

IVEK's MegaSpense is our largest displacement pump offering. The MegaSpense pump module is unique among positive displacement rotary and reciprocating piston pumps. It is designed to allow disassembly of all the pump module components and/or the removal and return of the entire pump module from the motor/base group without recalibration. The break down of all the wetted components enhances cleaning and the module can be autoclaved. All aspects of a 'user friendly' design and customer suggestions were considered during the pump module's development in order to allow fluid to flow freely, unobstructed through the wetted components without exposure to dead volume areas such as cracks, crevices, or threads. This heavy-duty pump module is extremely durable and stable, and will maintain calibration and accuracy during even the most difficult applications.



variety of inlet and outlet fittings available

CERAMIC PUMP MODULES

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.



piston/cylinder sets

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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