

# Sanitary Split Case Pump

LIQUID PUMP HEAD  
MODULE

[www.ivek.com](http://www.ivek.com)

IVEK's Sanitary Split Case Pump module is unique among positive displacement rotary and reciprocating piston pumps. It is designed to allow the quick disassembly of all the pump module components for the removal and return of the entire pump module from the motor/base group without recalibration. The simple break down of all the wetted components enhances cleaning and the entire module can be autoclaved. An optional gauge can be used to calibrate this pump module without running fluid. This eliminates contamination or the loss of expensive or controlled fluid. All aspects of this 'user friendly' design were considered during the pump module's development in order to allow fluid to flow freely through the wetted components. Constructed from cast 316 stainless steel, this heavy-duty pump module is extremely durable and stable, and will maintain calibration and accuracy during even the most difficult applications.



## CERAMIC PUMP MODULE FEATURES

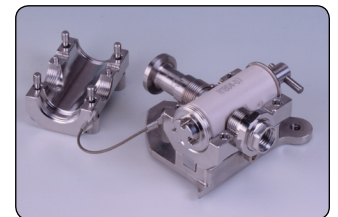
- HIGH PURITY ALUMINA OR ZIRCONIA CERAMIC
- PUMP SIZES: "B"[0-295 $\mu$ l], "C"[0-739 $\mu$ l], "D"[0-1.478ml] AND 16mm[0-1.900 $\mu$ l]
- CUSTOM SIP DESIGNS
- CUSTOM MODIFICATIONS AVAILABLE
- LASER-ETCHED SERIAL NUMBERS ON EACH PART
- PARTS MATCHED TO +/- 20 MILLIONTHS/INCH

## SPLIT CASE PUMP FEATURES

- DISASSEMBLES IN LESS THAN 30 SECONDS
- STROKE LENGTH CALIBRATION IS RETAINED AFTER DISASSEMBLY
- CERAMICS CAN BE AUTOCLAVED INDEPENDENTLY
- EASILY REPLACEABLE HIGH PERFORMANCE TEFLON OR CUSTOM SEALS
- EASILY INTERCHANGED
- SELF-PRIMING
- CLEANING COMMONLY ACCOMPLISHED THROUGH FLUSHING PROCEDURE (CIP)
- HEATER CARTRIDGE PORTS OPTION FOR ELEVATED TEMPERATURE REQUIREMENTS

## ADAPTER FITTING SYSTEM

- EFFICIENT FLOW DESIGN – NO DEAD LEGS
- VARIETY OF STANDARD CHOICES
- CUSTOM FITTINGS AVAILABLE ON REQUEST
- EASY ASSEMBLY/DISASSEMBLY
- STANDARD MATERIALS: STAINLESS, POLYPROPYLENE, TEFZEL
- CUSTOM MATERIALS AVAILABLE INCLUDING PEEK, KYNAR
- ADAPTERS TO LINK TO ALL FITTING TYPES
- SANITARY, CHEMICALLY RESISTANT DESIGN



©2008

**IVEK**  
C O R P O R A T I O N

ISO 9001:2000 REGISTERED

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