SMART ELECTRONICS RELIABLE PUMPS

ELECTRONICS MARKET DEMANDS

Precision Processes

- Eliminate microbubbles
- Effective filtration
- Accurate flow/pressure for spray bars

Reliable Systems

- Plating bath applications
- DI water systems
- Cleaning tanks

Stringent Standards

- Meet regulatory standards
- Adhere to compliance regulations
- Support safety guidelines

PUMP APPLICATIONS

Microchips	• Waste treatment • Washing	• Chemical delivery • Fume scrubbers
Circuit Boards	• Waste treatment • Chemical delivery • Fume scrubbers • Etching	• Cleaning • Copper plating • Rinsing
Connectors	• Waste treatment • Chemical delivery	• Plating • Rinsing

PUMP SOLUTIONS FOR ELECTRONICS INDUSTRY

DB SERIES

- **Mag-drive design**. Eliminates seal so there are no leaks
- **Corrosion resistance**. Engineered for the harshest chemicals and environments
- **Run-dry capability**. Protects against operator error and system disruption

SP SERIES

- **Self-priming**. Lightning-fast priming; can lift fluids from 18 ft (7.6) in 90 seconds
- **Diverse performance**. Can lift fluid from below the pump or pull from the top
- **Sealless design**. Strongest neodymium magnets eliminate seal issues

MSDB SERIES

- **Performance**. Heads up to 300 ft (91.5 m); minimum flow rate of 1 gmp (.23 m3/hr; maximum flow rate of 69 gpm (15.7 m3/hr)
- **No mechanical seal**. Powerful mag-drive system eliminates troublesome seal

UCR SERIES

- **Leak-free operation**. Sealless mag drive pumps with tough ductile iron and neodymium magnets
- **Efficient installation**. Features include ANSI dimensional design
- **Corrosion protection**. Pure ETFE housing lining, barrier liner, and molding over the magnets

VKC SERIES

- **Sealless vertical design**. Eliminates the need for wetted shaft bearings
- **Sealed airtight column**. Protects against corrosion; reduces environmental emissions
- **No back impeller**. Single impeller prevents aeration and eliminates microbubbles

DRUM PUMPS

- **Versatility**. Wide range of tube lengths for drums, barrels, totes, IBCs, et al.
- **Convenience**. Built-in hose and cord clips on select models
- **Durable construction**. PP, PVDF, or 316SS tubes available