



# IWAKI



## Diagnostic Analyzer Dosing Accuracy

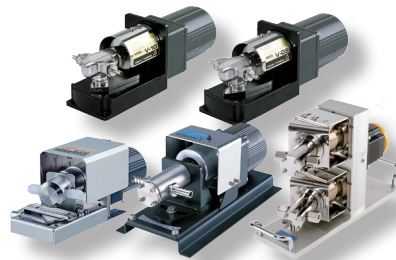
As analyzer throughput and accuracy increases, precision metering of reagents, buffer solutions and cleaning agents is becoming increasingly more important to deliver consistent results.

### Iwaki Pump Advantages

- **Reduce Maintenance**  
Iwaki pumps deliver over 40,000 hours of repeatable precision & accuracy without the need for recalibration required with syringe & peristaltic pumps.
- **Decrease Lab Waste Disposal**  
Iwaki pumps have no costly consumables (tubing), requiring zero maintenance and reducing lab waste disposal costs.
- **Reduce System Costs**  
Iwaki can provide one pump to; handle slurries, complete both dilution & wash cycles, inject up to 100 psi, even dose into vacuum applications without adding costly valve systems.

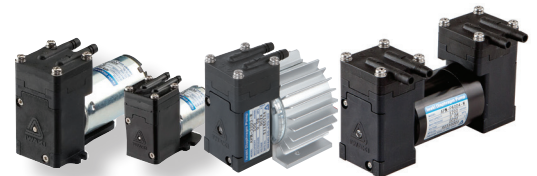
### Hicera Pumps

- Flow Rates 0.01 ml/min to 1682 ml/min
- Pressures up to 101.5 psi
- Temperatures up to 250° F
- Precision metering accuracy better than 1%
- Repeatability better than 0.25%
- Duplex configurations available



### APN-W Pumps

- Flow rates up to 1000 ml/min (liquid) 2400 ml/min (gas)
- Pressures up to 11.6 psi / Vacuum up to 14-26 in Hg
- BLDC or Brushed DC Motor options
- Long life diaphragms
- Solids handling capability



### HRP Pumps

- Flow rates 0.055 ml/min up to 38 ml/min
- Pressures up to 29 psi, accuracy 1% or better
- High resolution/Ultra compact 4" x 2.5" x 3.5"
- DC driven with internal or external control options, 12/24 VDC available
- 4 types of external control: pulse, 4-20 mA, 0-5 VDC, start/stop



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