

# Clippard Product Overview

## ON / OFF ELECTRONIC VALVES



### FLOW CONTROL

[clippard.com/link/flyer-ev](http://clippard.com/link/flyer-ev)



#### SPIDER TECHNOLOGY

- High reliability
- Fast actuation
- Exceptionally long life
- Ultra low leak



#### PLUNGER TECHNOLOGY

- Proven technology
- Simple poppet design
- Fast response time
- Cost-effective performance

EV Series  
DV Series  
ES Series  
EHS Series  
SV Series  
ST Series

10 & 15mm Standard  
10 & 15mm Latching  
PHV Series Booster  
10mm High Flow  
10mm ISO Valve series

## PROPORTIONAL ELECTRONIC VALVES



### FLOW CONTROL

[clippard.com/link/flyer-prop](http://clippard.com/link/flyer-prop)



#### SPIDER TECHNOLOGY

- High reliability
- Fast actuation
- Exceptionally long life
- Ultra low leak

EVP Series  
DVP Series  
PV Series



#### NEEDLE TECHNOLOGY

- Stepper-driven precision
- Linear, repeatable flow
- Less than 2% hysteresis
- Zero hold power

SCPV Series  
Custom Electronic  
Needle Valves

## MEDIA ISOLATION



### FLOW CONTROL

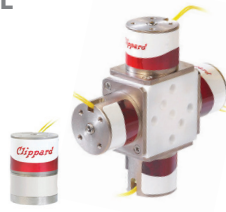
[clippard.com/link/flyer-isolation](http://clippard.com/link/flyer-isolation)



#### PINCH TECHNOLOGY

- Zero dead volume
- Unobstructed flow path
- Media isolated in tubing
- Fast, easy tubing changes

NPV Series  
NPP Series  
NPV 7 Long Stroke  
Panel Mount Option



#### DIAPHRAGM TECHNOLOGY

- Fully isolated flow path
- Inert wetted material
- Long life
- Low leak

NIV-G  
NIV Series  
PIV Series  
AIV Series  
10mm Isolation Valve



#### SMART TECHNOLOGY

- Built-in intelligence for efficiency and reliability
- Optimized for responsive, adaptive applications

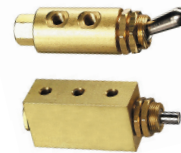
Hit & Hold Low  
Power Circuit  
State Feedback Circuit

## MECHANICAL FLOW CONTROL



### FLOW CONTROL

[clippard.com/link/flyer-mech](http://clippard.com/link/flyer-mech)



#### MECHANICALLY ACTUATED

- Rugged, dependable performance without electronics
- Simple actuation with tactile feedback
- Proven durability for long life

Fill & Bleed Valves  
Toggle Valves  
Sleeve Valves  
Limit Valves  
Stem Valves  
Palm Button Valves  
Push Control Valves  
Ball / Cam Actuators



#### AIR PILOTED

- Compact actuation without electrical power
- Reliable switching at high pressures or flows
- Energy-efficient, low-maintenance design

Air Piloted Valves  
Pulse Valves  
Air Switches  
Stem Valves  
Check Valves



#### PRESSURE SENSING

- Accurate control of pressure, flow and exhaust
- Responsive switching for safety and efficiency
- Durable construction for long life

Check Valves  
Needle Valves  
Exhaust Valves  
Flow Controls  
Shuttle Valves  
Drawback Valves

## ELECTRONIC PRESSURE CONTROL



[clippard.com/link/flyer-cordis-press](http://clippard.com/link/flyer-cordis-press)

### PRESSURE CONTROL



#### ELECTRONIC CLOSED LOOP TECHNOLOGY

- Precise, real-time feedback control
- Ultra-high resolution and repeatability
- Application-specific calibration for  $\pm 0.25\%$  accuracy
- Stable performance under changing system demand

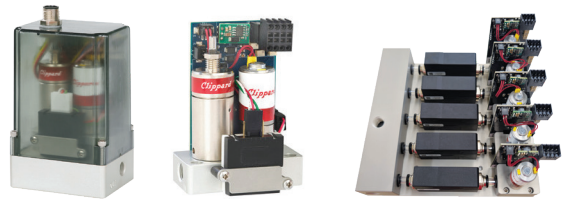
CPC Series  
CPC-Z Series  
CP1 Series  
CHV Series  
CHP Series  
CPS Sensors

## ELECTRONIC FLOW CONTROL



[clippard.com/link/flyer-cordis-flow](http://clippard.com/link/flyer-cordis-flow)

### FLOW CONTROL



#### ELECTRONIC CLOSED LOOP TECHNOLOGY

- Precise, real-time feedback control
- Ultra-high resolution and repeatability
- Application-specific calibration for  $\leq 2\%$  accuracy
- Stable performance under changing system demand

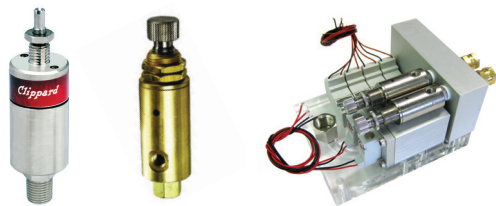
CFC Series  
Custom Solutions

## MECHANICAL PRESSURE CONTROL



[clippard.com/link/flyer-reg](http://clippard.com/link/flyer-reg)

### PRESSURE CONTROL



#### MECHANICALLY ACTUATED

- Rugged, dependable performance without electronics
- Simple actuation with tactile feedback
- Proven durability for long life

DR-2 Series  
MAR-1 Series

## FITTINGS & TUBING



[clippard.com/link/flyer-fittings](http://clippard.com/link/flyer-fittings)

Push-In Fittings  
Hose Barb Fittings  
Zero Dead Volume Fittings  
Couplings

Sanitary Food Grade Silicone  
Medical/Laboratory Grade Silicone  
Polyurethane Tubing  
Urethane Tubing  
Vinyl Tubing



Call today and let's get your engineers connected with our engineers

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