

# Clippard

Miniature Pneumatics

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Place your order with your nearest distributor or directly on [www.clippard.com](http://www.clippard.com)

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See Page 356.

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## On-Line Ordering & Information

Go to our web site to learn more about Clippard. You will find helpful downloads, detailed product information, CAD files, conversion tables, product configurators and more.

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

Toll Free - 877-245-6247



## The Clippard Advantage

*Clippard Instrument Laboratory provides thousands of standard and special pneumatic products to design engineers and manufacturers around the world. Clippard has a unique advantage by providing standard and custom products, and value-added assemblies based on the most successful miniature pneumatic line in the world.*

Clippard is well-known as a quality manufacturer. However, there is much more to the story. True craftsmanship used in the Minimatic® line is not limited by a numbers standard. Customers have long recognized the partnership they have with the Clippard organization, and have grown to appreciate the high standards self-imposed in the manufacture and testing of each valve and cylinder. Every employee at Clippard is devoted and empowered to provide you with the best product available.



CNC Swiss Turning Centers

## Quality People

delivering the highest

**Quality Products!**



Cincinnati, Ohio



Fairfield, Ohio



Brussels, Belgium

## "Pioneers of miniature pneumatic valves, cylinders and fittings"

William L. Clippard, Jr. founded Clippard Instrument Laboratory in 1941. The initial product line consisted of electrical test equipment, magnetic windings and radio frequency coils. The first miniature fluid power devices designed and built by Clippard were for use in the manufacturer of his own equipment.

In the early 1950's, Mr. Clippard introduced Minimatic components as a new product line. His first spring-return, rolled-construction air cylinder had a 3/8" bore and a 1/2" stroke.

He also created the now standard #10-32 threaded ports, and introduced this new size cylinder and valve port to the market. As #10-32 fittings gained acceptance, they also became the standard to miniature valves. More component types and sizes were added as new markets developed around these popular products.

The need for miniature pneumatics was so widespread that the Minimatic line rapidly became Clippard's primary product line, and remains so today.



Today, the company is managed by William L. Clippard, III, President and Robert L. Clippard, Vice President, and has grown to include over 5,000 standard products. The company's headquarters are located in Cincinnati, Ohio with manufacturing facilities in Fairfield, Ohio as well, and a sales office in Brussels, Belgium.



# new products



Engineering product design and customer solutions with a team approach



Stepper-Controlled Proportional Valve  
(Pages 192 & 193)



High Flow Electronic Valves  
(Page 178)



Proportional Valve Driver  
(Page 191)



Pilot-Operated Check Valves  
(Page 150)



Exhaust Mufflers  
(Pages 164 & 312)



Analytical Series Electronic Valves  
(Page 173)

# flexibility

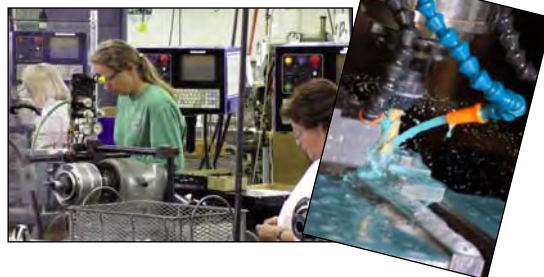


24/7 automated precision CNCs are set-up and operated by a highly-trained staff



# innovation

A variety of capabilities and flexibility allow us to respond to your needs



# knowledge



Unparalleled assembly experience stemming from years of producing thousands of standard and custom pneumatic products



# craftsmanship

100% testing, KanBan Inventory Systems, and a world-class distribution network



# experience



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