

PRODUCTS

1-800-394-0016

TESTMASTER®

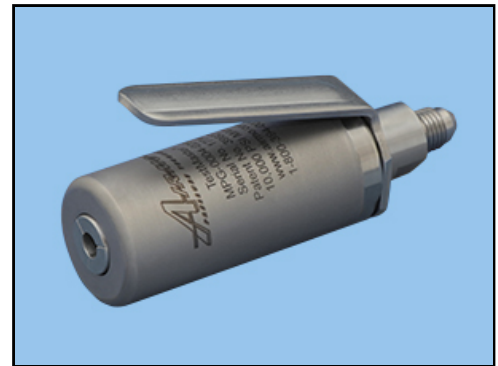
TestMaster® Model MPG Series Medium Pressure Gas Test Tools Pressures Up to 10,000 psi (689 bar)

The patented TestMaster® Model MPG Series Medium Pressure Gas Test Tool is specially designed to grip and provide positive sealing for plain end tubing. The safety pre-grip of the clamping mechanisms assures a constant, positive grip during any work or operation cycle. The tool can be used with a variety of gases including helium, nitrogen, and hydrogen.














The Model MPG Series Tools are suitable for pressure testing, air underwater testing, and cleaning applications with working pressures up to 10,000 psi (689 bar) according to military, nuclear, automotive, and aerospace specifications: API, ASTM, ASME, ISO, DIN, and BS. The compact, balanced design is particularly suited to restricted work areas, such as aircraft lines or heating and cooling systems.




The Model MPG Series Tool handles standard and metric tube, pipe, and fitting sizes from 0.13 in. to 3.00 in. OD (3.2 mm to 76.2 mm OD) in diameter.

Contact [Airmo](#) for special tube sizes and tool configurations.



Product Features

	Specifications	Description
	Maximum Pressure:	Working pressures up to 10,000 psi (689 bar)
	Tube OD Range:	0.13 in. to 3.00 in. OD (3.2 mm to 76.2 mm OD)
	Temperature:	-20° F to 160° F (-29° C to 71° C)
	Services:	Helium, nitrogen, hydrogen
	Velocity:	Full-flow, high pre fill
	Collet Grip and Seal:	On tube OD
	Gripping:	Pressure-compensated design for safe operation
	Tool Operation:	Lever operated
	Lever Collet Release:	Fast tool removal
	Special Collet Locking Design Principle:	Accommodates shorter length tube
	Predetermined Internal Tube Stop:	Requires no measuring
	Low Marking Collets:	Prevents tube end collapse and damage
	Built-in Tube End Tolerances:	Requires no square cut ends

	Compact, Balanced Design:	Ease of use in limited space applications
	Construction:	Precision-machined, heat-treated stainless steel
	Custom Options:	Custom designs considered



[TestMaster® Model MPG Series Medium Pressure Gas Test Tools.pdf](#)



[TestMaster® Product Line Card.pdf](#)

Applications

The TestMaster® Model MPG Series Tool is used for a variety of pressure testing applications.

Model MPG Tool Applications

Hydrostatic pressure testing

Air underwater leak testing

Tube production testing

Tube and system assembly testing

Cleaning applications

TestMaster® Hydrostatic Test Tools

TestMaster® Model LPH Series Hydrostatic Test Tools - Pressures up to 5,000 psi (345 bar)

TestMaster® Model LPHE Series Hydrostatic Test Tools - Pressures up to 5,000 psi (345 bar)

TestMaster® Model 64 Series Hydrostatic Test Tools - Pressures up to 10,000 psi (689 bar)

TestMaster® Model 264 Series Hydrostatic Pressure Test Tools - Pressures up to 20,000 psi (1,379 bar)

TestMaster® Model 300 Series Hydrostatic Test Tools - Pressures up to 5,000 psi (345 bar)

TestMaster® Model 310 Series Hydrostatic Hose Test Tools - Pressures up to 30,000 psi (2,068 bar)

TestMaster® Model 333 Series Hydrostatic Test Tools - Pressures up to 30,000 psi (2,068 bar)

TestMaster® Model 350 Series Hydrostatic Bottle and Cylinder Test Tools - Pressures up to 15,000 psi (1,034 bar)

TestMaster® Model 364 Series Hydrostatic Test Tools - Pressures up to 30,000 psi (2,068 bar)

TestMaster® Model 464 Series Hydrostatic Test Tools - Pressures up to 40,000 psi (2,758 bar)

TestMaster® Model 500 Series Hydrostatic Test Tools - Pressures up to 15,000 psi (1,034 bar)

TestMaster® Model 525 Series Hydrostatic Test Tools - Pressures up to 15,000 psi (1,034 bar)

NuQuip® High-Pressure Accessories

NuQuip® Automatic Air Bleed Valves - Pressures up to 40,000 psi (2,758 bar)

NuQuip® Model QD Series Quick Disconnects - Pressures up to 60,000 psi (4,137 bar)

TestMaster® Hydrostatic Pressure Test Systems

TestMaster® Model 30096HT Burst Test Chambers - Pressures up to 30,000 psi (2,068 bar)

TestMaster® Model HPS Hydrostatic Pressure Systems - Pressures up to 30,000 psi (2,068 bar)

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[Contact Airmo for Your System and Tool Needs](#)



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