

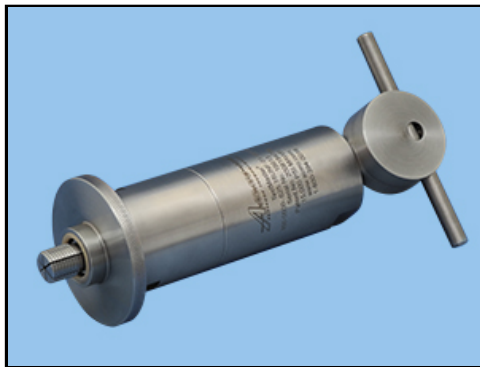
PRODUCTS

1-800-394-0016

TESTMASTER®

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

The patented TestMaster® Model 350 Series Hydrostatic Bottle and Cylinder Test Tool offers fast coupling and positive sealing for production pressure testing of bottles, cylinders, tanks, and other components with an internally-threaded port.



The propriety collet design is the key feature of the Model 350 Tool. When the tool is engaged in the threaded area of the test piece, it does not mark or deform the threaded surface. This tool provides positive sealing on the end face of the internally-threaded port. Pressure compensation in the tool increases the sealing force, and ensures the collets remain engaged with the component threads, eliminating the need for additional safety devices. The tool can be used with a wide variety of services including water, oil, gas, or other liquids on request.

The Model 350 Series Tool is designed to meet your hydrostatic testing requirements. Configured for either manual or semi-automatic fluid testing, this tool integrates five technology patents for increased testing speed.

Benefits include: ease of use, faster rates of testing, higher quality assurances, and increased safety.

The Model 350 is suitable for hydrostatic pressure testing on bottles, cylinders, and tanks with standard working pressures up to 15,000 psi (1,034 bar) according to military, nuclear, automotive, and aerospace specifications, such as API, ASTM, ASME, ISO, DIN, and BS.

The Model 350 Series Tool handles standard and metric thread sizes from 0.50 in. to 0.88 in. ID (12.7 mm to 22.4 mm ID) major diameters.

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

Model 350 Series Hydrostatic Test Tool

"We needed to eliminate thread damage on our oxygen cylinders, and we did it. We have not had any products returned since January 2008. We significantly reduced our scrap, and at the current rate we see a payback on the 24 TestMaster® 350's in less than two years. With the reduced scrap, and no returns our production rates should increase as well."


K.G.,
Senior Manufacturing Engineer
New Albany, Mississippi

















[more information](#)



[View TestMaster® Model 350 Series Tool in Operation](#)

Product Features

	Specifications	Description
	Maximum Pressure:	Working pressures up to 15,000 psi (1,034 bar)

	Thread ID Range:	0.50 in. to 0.88 in. ID (12.7 mm to 22.4 mm ID) major diameters
	Temperature:	32° F to 120° F (0° C to 49° C)
	Services:	Water, oil, gas, or other liquids on request
	Velocity:	Full-flow, high prefill
	Preload:	Manually operated
	Collet Grips:	On internal threads
	Thread Type:	UN, NPT, and others
	Grip Actuation:	Handle operated
	Sealing:	On end face
	Seal Actuation:	Rotatable sleeve
	Handle Collet Release:	Fast tool removal
	Special Collet Locking Design Principle:	Accommodates shorter length tube
	Non-Marking Collets:	Prevents damage to threads and eliminates scrap
	Compact, Balanced Design:	Reduces operator fatigue
	Construction Wetted Parts:	Precision-machined, heat-treated stainless steel
	Custom Options:	Custom options considered



[TestMaster® Model 350 Series Hydrostatic Bottle and Cylinder Test Tools.pdf](#)



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

Applications

The TestMaster® Model 350 Series Tool is used for testing bottles or cylinders with internally-threaded ports.

Model 350 Tool Applications

Bottle testing

Cylinder testing

Tank testing

Components with internally-threaded ports

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 MPG Series Medium Pressure Gas Test Tools - Pressures up to 10,000 psi (689 bar)

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

TestMaster® Model 264 Series Hydrostatic 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 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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