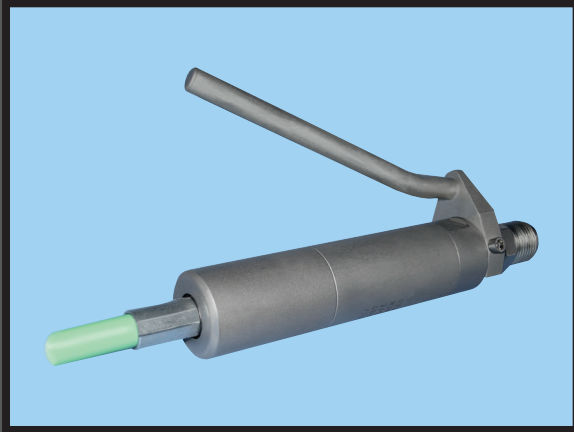


"UNPARALLELED PERFORMANCE AND SAFETY UNDER PRESSURE!" [®]



TestMaster[®]

Model 310 Series Hydrostatic Hose Test Tools

- Pressures up to 30,000 psi (2,068 bar)
- ¼" to ¾" NPT threads
- Collet grip on threaded OD
- Manually operated preload
- Seals on face of fitting opening
- Custom sizes available

DESCRIPTION

The patented TestMaster[®] Model 310 Series Hydrostatic Hose Test Tool offers fast snap-on coupling and positive sealing of high-pressure threaded hoses and fittings. The proprietary collet design with its small inside grip, helps with short end applications. Minimal marking collets preserve the integrity of the test piece without deforming threads. The tool can be used with a variety of services including water, oil, and other fluids.

This precision-machined tool is versatile for use in high-pressure testing applications. In restricted areas, the balanced and compact design of the Model 310 connects and disconnects easily.

The Model 310 Tool handles standard ¼" to ¾" NPT threads. Special sizes and tool configurations will be considered upon request.

OPERATION

Connect the Model 310 Tool to a pressure source and compress handle to retract O-ring seal. With handle compressed, insert threaded portion of correct size fitting into tool collet. Release the handle and verify that threads are properly seated in the collet. Next apply test pressure to desired level, **but do not exceed maximum operating pressure.** When the test is complete and pressure reduced to 0 psi in the service line, compress the tool handle and pull tested fitting from the collet.

APPLICATION

The TestMaster[®] Model 310 Series Hydrostatic Test Tool is a snap-on tool, suitable for hydrostatic pressure testing of hoses and fittings with NPT or standard thread configurations up to 30,000 psi (2,068 bar) for testing according to military, nuclear, automotive, and aerospace specifications such as API, ASTM, ASME, ISO, DIN, and BS.

MATERIALS

Wetted Parts: Heat-treated, stainless steel

TOOL CONFIGURATION

Collet Grip:	On inside threads
Gripping:	Normally-closed Manual operated pre-clamp Pressure-compensated
Seal:	On inner thread face
Sealing:	Manually operated pre-seal on face of fitting opening

OPERATING CONDITIONS

Maximum Pressure:	30,000 psi (2,068 bar)
Temperature:	32° F to 120° F (0° C to 49° C)
Services:	Water, oil, or other fluids on request
Nominal Thread	¼" to ¾" NPT threads
Size:	Customer specified
OD Tolerance:	Standard fitting

MAXIMUM PRESSURE
30,000 psi
2,068 bar

TestMaster®

Model 310 Series

Hydrostatic Hose Test Tools

FEATURES

- Sealing and gripping in one motion
- Full-flow, high pre fill rate
- Predetermined internal tube stops requires no measuring
- Lever collet release for fast tool removal
- Pressure-compensated design
- Compact, balance design
- Precision-machined from heat-treated stainless steel
- Designed for test application

BENEFITS

- Easy tool operation
- Decreases cycle time
- Ensures proper depth engagement
- Increases production throughput
- Contains all high-pressure loads for safe operation
- Reduces operator fatigue
- Provides long, trouble-free service
- Tools can be used with different test media



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