

Tension Meter Tester Kit

OPERATING INSTRUCTIONS

The Hydrajaws Model 0097 Tension Meter is designed for testing wire ropes used for fall-arrest systems, strain measurement of rigging, guy ropes, tower and mast supports, and checking the security of crimped/swaged end fittings as applied to wire ropes.

Kit Contents

UK Specification

- Model 0097 Tension Meter/Wire Rope Tester Kit with SINGLE fixed gauge.
- Model 0097 MASTER Tension Meter/Wire Rope Tester Kit comprising a Model 0097 Tester with hydraulic body coupler; TWO detachable gauges, each with quick release hydraulic couplers and oil replenishment bottle with quick release hydraulic coupler.

Export Specification

- Model 0097 Export Tension Meter/Wire Rope Tester Kit with hydraulic body coupler and; SINGLE detachable gauge with quick release hydraulic coupler and oil replenishment bottle with quick release hydraulic coupler.
- Model 0097 MASTER Export Tension Meter/Wire Rope Tester Kit comprising a 0097 Tester with hydraulic body coupler; TWO detachable gauges, each with quick release hydraulic couplers and oil replenishment bottle with quick release hydraulic coupler.



OPERATING PROCEDURE

- Attach the tester in line on the system using the 20mm diameter mounting holes at each end.
- Set gauge red maximum pointer at zero.
- Apply load to wire rope system and observe movement of gauge point.
- Continue to increase the load to maximum test requirements.

⚠ DO NOT EXCEED MAXIMUM READING ON GAUGE!



HYDRAJAWS® Model 0097 Tension Meter Tester Kit

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OPERATING INSTRUCTIONS



THE DETACHABLE GAUGE

All export kits are fitted with a detachable gauge and coupler system

- Tester body is fitted with female quick release hydraulic body coupler.
- Each gauge is fitted with a male quick release hydraulic coupler.
- To fit gauges to the tester body, remove the dust cap from gauge and tester couplers, pull spring loaded ring on the tester coupler backwards and insert male gauge coupler pushing fully home before releasing spring loaded ring.
- To release, hold gauge firmly and pull back spring loaded ring to eject gauge from coupler.



OIL FILLING INSTRUCTIONS (DETACHABLE TENSION METER ASSEMBLY ONLY)

- Connecting and disconnecting gauges from the tester body will eventually use up the spare oil capacity and the empty line will appear adjacent to the red tester body end.
- To replenish the oil level, connect the oil bottle to the body coupler and loosen bottle cap.
- Push the piston end back into the red body which will draw oil in from the bottle.



Due to shipping restriction to certain countries around the world, bottle may be shipped with oil. Use light D.T.E hydraulic oil.

Note:

The Model 0097 Tension Meter/Wire Rope Tester is designed to test wire rope cables however it will require TIRFOR® equipment to produce an external pull force.

Hydrajaws do not sell this apparatus.

