

## OVALMATIC® T5100 Digital Wire Tester



### Features & Benefits

- **Twin Screw Construction:** provides full crosshead support
- **HMI Controls:** Offers easy operation and data/status display
- **Automatic Operation:** Crosshead automatically stops and returns after test
- **Adaptable:** Tensile Strength or optional compression testing
- **Variable Speed:** Provides a wide range of testing requirements
- **Knot Pass Test:** Pulls to a pre-set minimum break load
- **General Assembly:** Easy to operate hardened wedge style grippers with quick release levers
- **Data Retrieval:** Features downloadable data tables for offline records and



*Innovative design to meet your market  
pulp handling and shipping needs*

**Canada & International**  
1318 Derwent Way  
Delta, BC, Canada V3M 6C4  
Tel: 604 630-9734 Fax: 604 777-2415  
www.ovalintl.com  
Email:sales@ovalintl.com

**USA**  
120 55th Street North  
Fort Payne, Alabama 35967 USA  
Tel: 256 845-1914 Fax: 256 845-1493  
www.ovalintl.com  
Email: sales@ovalintl.com

# TECHNICAL SPECIFICATIONS

Envelope Dimensions: _____	1,320mm X 685mm X 500mm (51.9" x 26.9" x 19.7")
Weight: _____	159 kg (350 lbs.)
Power Requirements: _____	110V, 1Ph, 50/60 Hz, 1 kVA (Standard) 220V, 1Ph, 50/60 Hz, 1 kVA (Optional)
Distance Between Grippers: _____	50mm (1.97") (Min.) 520mm (20.47") (Max.)
Cross Head Travel: _____	470mm (18.5")
Tensile Force: _____	2,270 kgf, 22,242 N, 5,000 lbf (Max.)
Compression Force: _____	2,270 kgf, 22,242 N, 5,000 lbf (Max.)
*(For Optional Compression Testing)	
Cross Head Travel Speed (Adjustable): _____	147mm/minute (5.78"/minute) (Max.)
Quick Release Wedge Type Grippers: _____	Standard
Maximum Gripper Opening: _____	4mm Thick x 20mm Wide (0.157" x 0.787") Standard

## OPTIONS

- Elongation measurement.
- Recalibration service available.

- Data is displayed and recorded in Imperial or Metric units and can be password protected.
- Ethernet connection.
- Compression Testing

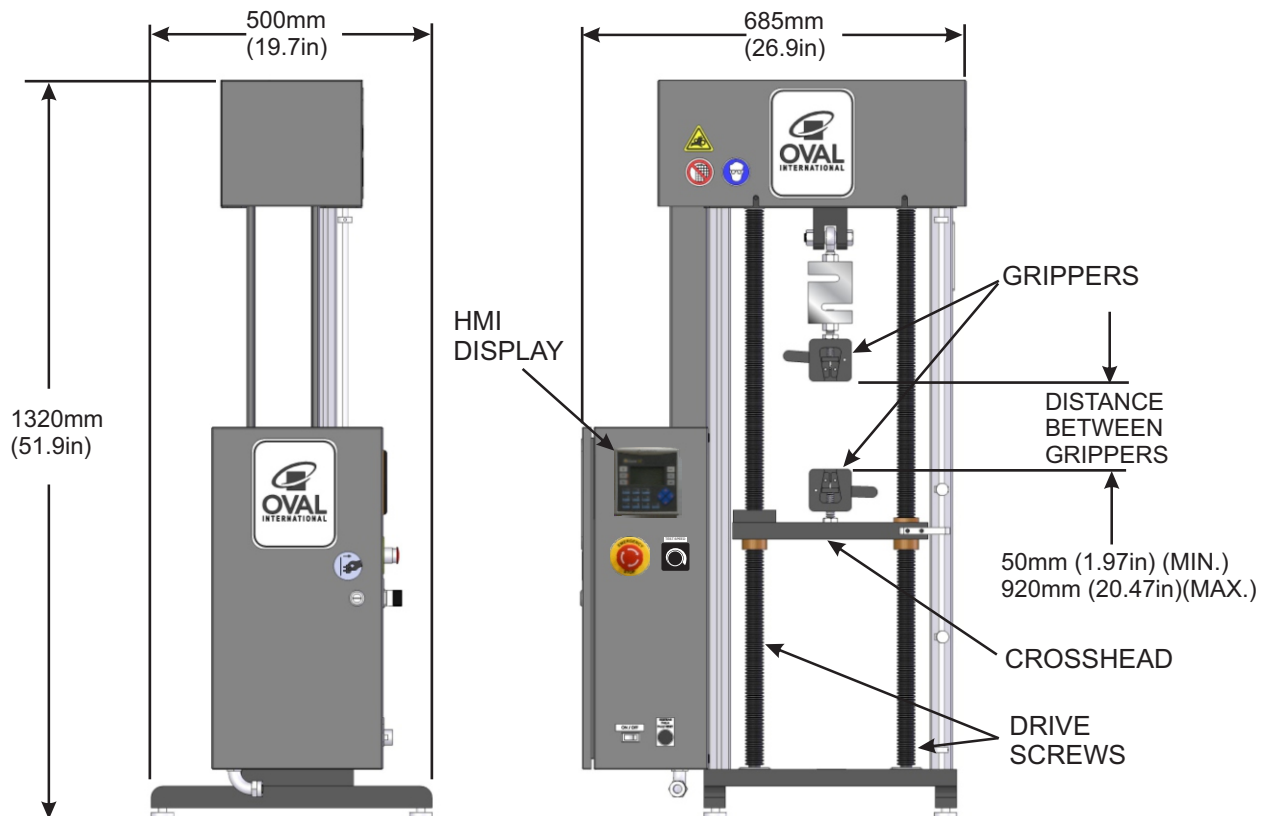
### Unit Displayed (Selectable)

Force = kgf, Newtons, lbf  
Pressure = Kg/mm<sup>2</sup>, kPa, PSI  
Distance = mm, in.

OVAL International® specifications are subject to change without notice.

These materials, including but not limited to the text, images, layout and other content, are protected by trade dress, copyright, trademark and other laws relating to intellectual property rights. No portion or element of these materials may be copied or otherwise reproduced via any means, and these materials and all related rights therein shall remain the exclusive property of Enterprises International Inc. unless otherwise expressly agreed in writing. Oval International and Ovalmatic are registered trademarks.

© COPYRIGHT 2014 OVAL INTERNATIONAL. – ALL RIGHTS RESERVED



Meets international standards for load testing of unitizing wire and knots. A necessity to meet required ship loading regulations.