Wire Testing and Calibration Tools

The WireTester and TorsionTester designs are mechanical wireline sample testing systems enabling the ductility of slickline up to 0.140" to be ascertained. An accurate tensile/torsional test is provided using an integral test jig using rope sockets located in the main body with instructions for use. Field proven, industry standard, design for integrity testing of wireline samples.

The Tension Calibration Tool is used for precise calibration of the tension measurement system of a wireline winch, and is especially suitable for calibration of the measuring head in combination with the CombiGauge analogue tension display or the SmartMonitor digital depth and tension measurement system.

**WireTester**

**Dimensions and Weights:**
- Lenght: 0.75 m, 2.46 ft
- Width: 0.25 m, 0.82 ft
- Height: 0.14 m, 0.46 ft
- Weight: 30 kg, 66 lbs

**Hydraulic System**
- Hydraulic tension load cell w/sensitive membrane

**TorsionTester**

**Dimensions and Weights:**
- Lenght: 0.37 m, 1.21 ft
- Width: 0.12 m, 0.39 ft
- Height: 0.06 m, 0.26 ft
- Weight: 3 kg, 6.6 lbs

**Slickline Operations**
- Designed for super light duty (0.066") to super heavy duty (.125") slickline operations

**Features & Benefits**
- Basic equipment in NonZoned configuration
- Standard configuration can operate in -10 to +50 degrees C temperatures
- Main body parts manufactured from corrosion resistant aluminium
- Upper lid section closes over lower tray during testing operation
- Can be exchanged with systems available in other worldwide locations for optimum flexibility
- Anodized aluminium finish
- Field proven industry standard design for integrity testing of wireline samples
- Lightweight design
- One piece construction with lower tray and lid with viewing window

**TorsionTester Options**
- Please contact Elmar for information and advice on possible configurations

**WireTester Options, cont.**
- A1010828: Pear Drop Rope Socket 0.108" & 0.125" (2 off required per tester)
- A1016532: Pear Drop Rope Socket 0.082" & 0.108" (2 off required per tester)
- A1038834: Pear Drop Rope Socket 0.140" (2 off required per tester)
- Please contact Elmar for information and advice on possible configurations

**Tension Calibration Tool**

**Dimensions and Weights:**
- Lenght: 1.62 m, 5.32 ft
- Width: 0.61 m, 2.00 ft
- Height: 0.24 m, x.xx ft
- Weight: 48 kg, 106 lbs

**Standard Kit Contents**
- Calibration tool
- Hand pump and cylinder
- Digital load cell; reading in lbs
- Test wire for MP16
- Test wire for SmartHead; also suitable for StraightHead and DataHead
- User manual

**Options**
- L-5501040045: Digital load cell; reading in kg
- A1009653: Test wire for MP20
- Please contact Elmar for information and advice on possible configurations

**WireTester Options**
- A1051373: WireTester (Max. wire line pull 2000 kg, max. wire line size 0.140", manual driven, CE)
- A1012226: Pear Drop Rope Socket 0.072" & 0.092" (2 off required per tester)