

ANTECH EXPANDS WELL PRODUCTION TESTING EQUIPMENT RANGE WITH NEW WIRELINE CABLE AND WEAK POINT TESTER

New Tester Assesses Wireline Cable Strength and Weak Points in the Field

EXETER, England -- November 2002 -- AnTech Ltd, a specialist engineering design and manufacturing company serving the international upstream oil and gas industries, announced the introduction of its new Wireline Cable and Weak Point Tester. The new Wireline Cable and Weak Point Tester is designed to monitor the quality of wireline cables, providing a quantitative measurement of the condition of the cable, including ratings of its strength and all weak points.

By providing a means of assessing the condition of wireline cable before operations commence, engineers can avoid premature cable junking because they are secure in the knowledge that the cable is of the adequate strength and in proper condition.

Cable Monitoring in the Field Now Possible

Fully portable and easy to use, the cable and weak point tester was created for use in conjunction with AnTech's hydraulic hand pump kit to monitor cable conditions, even in a field environment. Before the introduction of AnTech's new Wireline Cable and Weak Point Tester and hydraulic Hand Pump Kit, monitoring wireline cable quality was difficult in the field, if not impossible, due to the lack of suitable monitoring equipment. Now, engineers have a simple and cost-effective way to carry out full testing of this critical element by using this compact testing kit.

Training Opportunities

The new cable testing system offers useful training benefits. Monocable weak points depend not only on the physical condition of the cable strands, but also on how the cable is made. By using the portable cable tester system in the shop environment, engineers can receive direct feedback on their work without being forced into the position of running tests in a client's well.

Flexibility a Key Feature

In addition to its intended use as a cable tester, the cable and weak point tester has other useful applications. With its ability to pull up to 25,000lbf, it may be also used for other tasks, such as when a tensile load is required. By simply changing the mounting adapters, it can be used to test other items that use shear pins, shear screws or other breakable parts.

Technical Description

The new AnTech Cable and Weak Point Tester is easy to set up and use. Simply make up the weak point assembly and insert it into the bottom end of the tool, then clamp the cable at the top end of the tool. Using the Hand Pump, begin applying load through the Hydraulic Ram. A calibrated gauge will show the current load. When the cable breaks, the maximum load is indicated by a separate needle.

System Ratings and Specifications

-Total length	mm	1250 assembled
-Maximum O.D.	mm	80
-Maximum I.D.	mm	40
-Maximum Stroke	mm	19.5
-Maximum Cylinder Capacity	lbf	78
-Drag Point Gauge	lbf	25,000 at 630 bar
-Accuracy		+/- 1% of full scale
-Transport Case Dimensions	mm	1321 x 445 x 153 LxWxH
-Total Gross Weight	kg	33

The AnTech Cable and Weak Point Tester and hydraulic Hand Pump Kit are now available. Further specifications and pricing information may be obtained by contacting AnTech at www.antech.co.uk.

About Antech Ltd

AnTech Ltd specialises in the design and manufacture of innovative products for the international upstream oil and gas industries. Founded in 1992 in Exeter, England, AnTech

Ltd is known throughout the world for its range of award-winning coiled tubing tools, and related permanent completion products. AnTech Ltd managing director and founder Toni Miszewski holds 12 patents for related oil tools and technologies he developed over the years.

In addition to its pioneering work within the design and manufacture of completion products, AnTech Oilfield Software offers StringView®, the cutting-edge well visualisation software package. This highly regarded software program integrates legacy data systems, making it possible to maintain consistent, professionally presented well diagrams. Recently, AnTech received a **Special Meritorious Award for Engineering Innovation 2002** from *Hart's E & P* magazine. AnTech won the award in the Drilling – Downhole Category in recognition of the COLT, its new gas well drilling system.

As one of the leading design engineering companies in the UK, most major oil services companies have retained AnTech Ltd to develop coiled tubing, downhole and completion tools on their behalf. As a result, operators and service companies actively use AnTech's pioneering products and technology to maximise oil production performance in a safe, and cost-effective manner.

Note to editors: A visual of the new AnTech Cable and Weak Point Tester may be obtained by contacting Sharon Roe below.

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