



TEST EQUIPMENT RENTAL SERVICES

When you rent Test Equipment from TDC, we want you to know that you will have a dedicated personal service from start to finish. Our Customer Service team is here to support you throughout your rental period.

TDC are independent specialists promoting all high quality manufacturers and instrument types. Equipment can be delivered Next Day or Same Day to suit your requirements.

When you are finished, simply contact us to arrange your equipment collection or alternatively you can despatch it back to us – we make it easy.

RENTING FROM TDC JUST MAKES SENSE

By using TDC Test Equipment Rental Solutions, you benefit from our extensive rental inventory that is second to none. We constantly refresh our equipment range with branded equipment manufacturers such as Megger, FLUKE, Chauvin Arnoux, OMICRON, FLIR, b2 HVA, Agilent Technologies, Dranetz BMI, Fujikura, JDSU, Ametek Jofra, GE DRUCK, RAE Systems, TSI Airflow, Rohde & Schwarz, NORBAR, PANAMETRICS, Tektronix and many more.

You can utilise our rental equipment to suit your own requirements, from one week to as many months as you need. You only pay for what you use down to the day. Renting with TDC is straightforward and easy. Our expert Sales and Applications Engineers will find the best solution to suit your application.

Delivery & Collection is arranged by us - we make it hassle free and easy.

TDC 6 POINT RENTAL GUARANTEE - OUR REPUTATION MATTERS



1 SAME DAY DISPATCH

Many of our customers operate to very strict deadlines. Providing the order is placed and confirmed before 3pm, your equipment will be despatched the same day.



2 QUALITY

All Equipment is checked prior to dispatch to ensure it is servicable and in safe working order. Certification checks are standard.



3 SUPPORT

We will provide you with enough information to make an informed choice of the correct equipment required for your application.



4 PRICE

We offer a simple price match promise. We'll match any genuine competitor quote.



5 CUSTOMER SERVICE

We can promise that throughout your rental period, we will do our utmost to provide you with the best customer service. All information we provide is in good faith and free of charge. We will provide a quote for any consultancy or professional advice that may be required.



6 REPUTATION

We know we are only as good as our last job. We don't just want regular customers - we want to build loyal customers.



For all enquiries, please contact: Gordon Thow (Test Equipment Rental Manager)

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BOWDENS^{BOWDENS}



TEST EQUIPMENT RENTAL SERVICES

Lee Vaughan Cable Identifier Mk5

Datasheet

Lee Vaughan Cable Identifier MKV

BOWDENS



The Lee Vaughan Cable Identifier MKV is a brand new instrument that is complimentary to the highly successful MKIV, which is still available, but the MKV offers new features that will make it easier to use, and quicker to identifier cables that might have presented a problem in the past.

NEW FEATURES:

- ❑ Selectable Power Output gives 4 times power compared with MKIV.
- ❑ Additional roving coil allows access to tightly bunched cables.
- ❑ Modulated (1.6KHz) or continuous tone option.
- ❑ Improved 'noise' suppression to minimise induced pick up in adjacent cables leading to easier detection of the 'lay' of the target cable.
- ❑ Powered by 4 x AA standard alkaline batteries - Battery status test.

OPERATION

The Lee Vaughan Cable Identifier MKV consists of a transmitter and receiver, earphones, connecting cable with clips, and a remote roving coil.

THE CABLE TO BE IDENTIFIED MUST BE UN-ENERGISED AND DISCHARGED..

TRANSMITTER – SET UP

Two cores of the cable at the remote end must be shorted together, and the transmitter connected to the same two cores at the supply end using the cable connectors supplied. When the Transmitter is turned on using the rotary selector switch, the first position performs a battery test. The battery condition is shown on the LED. Follow the instructions in the case but if in doubt, change the batteries.

TRANSMITTER – POWER OPTIONS

The operator can now select the power output and tone requirement to suit the cable length, and application. On short cable lengths, low power should be selected to minimise any noise induced in adjacent cables. Normal power is the equivalent to the output of the MKIV instrument. For long cables (10Km) maximum power should be used to give a clear signal at the point of identification. All of these power settings have a modulated signal at 1.6KHz frequency. The final position on the selector switch gives a continuous tone, but because of the increased demand on the battery, this option automatically selects the normal power option.

Although the battery life is improved by a factor of three when compared to the MKIV on the same power output, because the power output has increased by a factor of four times, when the MKV is used on maximum power or on continuous tone, the battery life will be very much shorter. Typically a new set of batteries will give 10 hours continuous use on either of these settings.

RECEIVER

At the point of Identification, the volume control can be set to maximise the signal reception, the receiver being used in the traditional way, by holding it at right angles to the cable, traversing the cable up and down over a length of approximately 1 metre, and listening to the rise and fall of the signal due to the 'lay' effect of the cores which are twisted over each other. The effect can also be observed on the receiver meter. If the target cable is tightly bunched with other cables in a trench, the remote roving coil can be used, by plugging the jack plug into the side of the receiver. This coil allows easy access around the cable.

For a positive identification of the target cable, the rise and fall must be experienced. Some induced pick up may appear in adjacent cables, but although detectable by the receiver, will not exhibit the rise and fall characteristics.

Following identification, when the headphones jack plug is removed, the receiver is automatically switched off. The transmitter must be turned off before storing back in the case.



AC/DC Motors & Generators



Electrical Engineering



Mechanical Engineering



Condition Monitoring



Precision Machining



Marine Electronics



Elec & Mech Product Supply



Calibration and Rental Services



Quality Coatings



Transformers



Control Panels



Compressors



Auxiliary Power Systems

To differentiate our organisation in order to achieve continuous, sustainable growth, TDC endeavours to fully understand and exceed the expectations of our customers, and to work proactively to deliver **Engineering Excellence.**



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