



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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A. T. M. S.



TEST EQUIPMENT RENTAL SERVICES

VE 2000-N Current Injection Set

Brochure

VE 2000-N Current Injection Set

by **COTEL**

- Primary Injection
- Accurate
- Timer/recorder
- Powerful -
4000 A max
6000 VA
- Robust



APPLICATION

The VE 2000-N is a rugged and very powerful injection set which measures **TRMS** and is especially suited for testing transformers via their primaries. It is also suitable for measuring transformer ratios, auxiliaries, bushings and maximum current relays. The instrument incorporates a digital control and measurement module with a chronometer and large graphic display, which enables measurement of time, threshold and CT ratio in an internal flash memory. These records can be archived and consulted later on a PC with windows XP, 2000 & 7, connected by **USB** or **RS232**.

A Current limit can be set using the control module as a safety feature.

The VE 2000-N can measure the True RMS value of the current, and offers advanced chronometric and injection control functions. The timer operation can be started by contacts or a voltage signal.

The standard 3m. injection cables of 4 x 95 mm² section have end clamps, and other cable sizes or types can be provided.

SPECIFICATION

Two Rugged Flight-Cases with wheels & brakes
Control Case 53 x 39 x 36 cm Weight 35 kg.
Power Case 45 x 31 x 48 cm Weight 52 kg.
Power Supply 230 Vac 50/60 Hz. 2P+E
32 Amps for full power, 16 Amps for limited use.
Fusing - power supply by circuit breaker
Injection by electronic control.

The **Output** current is adjusted by auto-transformer

3 Volt output -

2000 A cont., 3000 A/5 min, 4000 A/1 min
Maximum Available Power 8.3 kVA/30 sec.

6 Volt output -

1000A cont., 2000A/1 min, 3000A/20 secs. 4000A/10s
Maximum Available Power 15 kVA/10 sec.
Also 1 and 15 amp outputs at 5 Volts

Measurements

Internally measuring ammeter with two automatic ranges

0 - 400 A and 400 - 4000 A Accuracy 1%

Externally measuring ammeter with two ranges

0 - 1 A and 1 - 10 A Accuracy 0.5%.

This ammeter is linked to a function for measuring the **Ratio, Phase Change and Sense** of CTs.

Chronometer with internal and external stop/start.

Starting by dry contacts or a 12 to 250 V. ac or dc input.

Range 9999.999 sec, accuracy 0.02 % +/- 1ms.

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Exclusive U.K. Service Organisation for COTEL products — **Norwich Instrument Services Ltd.** Tel 01603416900



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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