



## 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**

**MCF 750-N Compact Primary Injection Set**

**Brochure**

## MCF 750-N Compact Primary Injection Set

by **COTEL**

- **Primary Injection**
- **Lightweight & compact**
- **Integrated timer/recorder**
- **Accurate & Powerful -**  
**1300 A. max**  
**2500 VA max**  
**250 V.**
- **Robust**



### SPECIFICATION

Rugged Flight-Case housing  
dimensions 39 x 31 x 30 cm Weight 22 kg.

**Power Supply** 90 to 264 Vac 47/63 Hz.

Fusing - power supply and generator by breaker

**Generator ranges - Max Power. 2500 VA**

**3V output : 500A/5m; 750 A/85s; 1300A/10s.**

**5V output : 300A/5m ; 600 A/10s.**

**25A output : max. voltage 12 V**

**5A output : 13VA**

**Voltage output : (from 230V supply) 250V / 2.5A**

**Ammeter ranges**

**0 - 130 A and 130 - 1300 A Acc.1%**

**Chronometer** with internal and external stop/start.

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

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

### Options

**External Ammeter** for external current

measurement - Range **0-10A**. This option includes an **Output Voltmeter**, and the display shows **CT ratio, Phase Angle, Sense and Voltage, 0—250 V.**

**JC-14 Set of cables 95 mm<sup>2</sup>, 2m. long**

**MG-ACQ Software to Save and Print results.**

**Verification Certificate**

### APPLICATION

The **MCF 750-N** is a lightweight but rugged and powerful injection set which is especially suited for testing circuit breakers, over-current relays, auto-reclosers and current transformers. This AC current generator can also be used as a voltage generator up to 250 V. for testing voltage relays and for **magnetic saturation** tests. The internal ammeter has two auto. ranges. There is a digital control module with a large graphical display, for the measurement of time, threshold and CT ratio. An internal flash memory holds results for report printing via a PC.

The **MCF 750-N** has an in-built **Chronometer** and the timer operation can be started by contacts or a voltage signal.

The options include 2m. injection cables of 95 mm<sup>2</sup> section, (other cable sizes can be provided), PC software for archiving and printing results, and an externally measuring ammeter to measure the ratio, phase lag and sense of CTs. This option includes a voltmeter to measure the CT output.

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AC/DC Motors & Generators



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Calibration and Rental Services



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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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