



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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Megger[®]



TEST EQUIPMENT RENTAL SERVICES

MOM200A Microhm meter

Datasheet



MOM200A™

Microhm meter

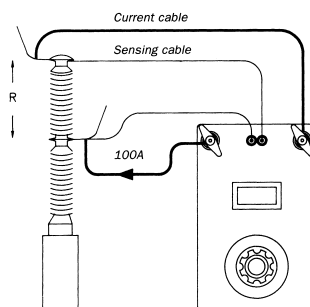
Like the MOM690™ and MOM600A™, this model is designed to check and measure contact resistances in high-voltage circuit breakers, disconnecting switches (isolators) and busbar joints. The MOM200A™ is an excellent choice when 200 amperes or less are needed for measurement.

Since the MOM200A™ weighs only about 14 kg (31 lbs), it's convenient to take along with you.

MOM200A™ is ideal for finding poor connections since it can put out 100 A for extended periods. Its range extending up to 20 milliohms makes it ideal for measuring many different types of connections.

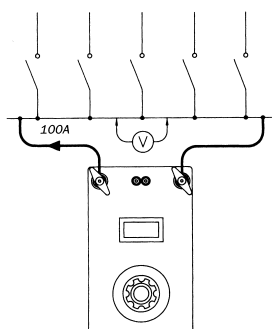
A complete MOM200A™ includes a cable set (including separate sensing cables) and a transport case.

APPLICATION EXAMPLE



Measuring the resistance of a breaker element

1. Connect the microhmmeter to the circuit breaker.
2. Set the current (100 A in this example).
3. Press the resistance pushbutton.
4. Read the result.



Measuring the resistance of busbar joints

1. Connect the microhmmeter's current cables to the object being tested. Do not connect the sensing cables since measurements will be taken using an external movable voltmeter.
2. Set the current (100 A in this example).
3. Connect an external voltmeter to the bus.
4. Read the voltmeter (0.1 mV = 1 $\mu\Omega$ in this example).
5. Move the voltmeter to the next joint.
6. Repeat step 4.

SPECIFICATIONS

Output

Measurement current (full-wave rectified)	0-200 A DC
No-load voltage	4.9 V DC
Output voltage	4.0 V DC (at 100 A), 3.0 V DC (at 200 A), across terminals
Load interval	15 min (100 A), 30 s (200 A)
Max load resistance	30 m Ω (100 A), 6 m Ω (200 A) with std. cables GA-02053

Measurement section

Range	0-1999 $\mu\Omega$ and 0-19.99 m Ω
Resolution	1 $\mu\Omega$ and 10 $\mu\Omega$ respectively
Accuracy	$\pm 1\%$, + 1 digit of displayed value
Instrument	Built-in combined ammeter/ohmmeter External ammeter can be connected
Current shunt	200 A/20 mV, $\pm 0.5\%$

Other

Application field: The instrument is intended for use in high-voltage substations and industrial environments.

Protection: Thermal cut-outs and miniature circuit breakers.

Mains voltage: 230 V AC or 115 V AC $\pm 10\%$, 50-60 Hz

Dimensions: 282 x 178 x 250 mm (11.1" x 7.0" x 9.8")

Dimensions transport case: 560 x 260 x 360 mm (22.0" x 10.2" x 14.2")

Cable set: 2 x 5 m (16 ft)/25 mm² (current cables).

2 x 5 m (16 ft)/2.5 mm² (sensing cables). Weight: 4 kg (8.8 lbs)

Weight: 14.6 kg (32.2 lbs). 26 kg (54.1 lbs) with accessories and transport case.

Warranty: 1 year

The above specifications are valid at nominal input voltage and an ambient temperature of +25°C (+77°F).

Specifications are subject to change without notice.

OPTIONAL ACCESSORIES

Cable set 10 m (33 ft)

2 x 10 m (33 ft)/35 mm² (current cables).

2 x 10 m (33 ft)/2.5 mm² (sensing cables)

Weight: 9 kg (19.8 lbs)

Art.No: GA-03103

Cable set 15 m (49 ft)

2 x 15 m (49 ft)/50 mm² (current cables).

2 x 15 m (49 ft)/2.5 mm² (sensing cables)

Weight: 18.6 kg (40.9 lbs)

Art.No: GA-05153

Calibration shunt

200 A/20 mV

Art.No: BD-90022

ORDERING INFORMATION

MOM200A Microhmmeter

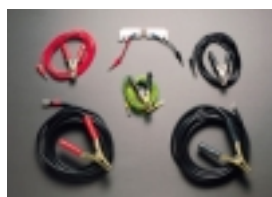
Complete with cable set GA-02053, ground cable GA-00200 and transport case GD-00010.

Mains voltage: 230 V

Art.No: BD-12390

Mains voltage: 115 V

Art.No: BD-11190



Cable set GA-02053, GA-00200 and shunt BD-90022.



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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