



Triple M
Electrical And Electronic
contracting

Triple M Catalogue of Equipment for Rent

BEST PRICES
BEST TECHNICIANS

info@triplemco.com

01050973203

www.industriessouq.com/

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About Us

Triple M for Electric and Electronic Contracting specializes in medium voltage station maintenance, transformers, power factor and earthing. They provide electric tests, transformer oil purification, transformer oil analysis, electric panel designs, and preventive maintenance.



TRUE RMS POWER CLAMP TESTER (FLIR CM82)

• يستخدم في أعمال الفحص والصيانة لكشف الأعطال الكهربائية

- Provides VFD Mode while working on VFD-controlled equipment, and advanced power efficiency and harmonics measurements enable system-level performance analysis.
- Features Inrush mode to capture AC Current spikes during start-up, and phase-rotation testing to ensure motor and power source alignment.
- AC VFD Voltage Range 1000 V / Basic Accuracy +/- 1% .



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TRUE RMS INDUSTRIAL MULTIMETER (FLIR DM93)

• يستخدم في قياس الجهد والتيار والمقاومة

- Provides VFD Mode while working on VFD-controlled equipment, and advanced power efficiency and harmonics measurements enable system-level performance analysis .
- Features Inrush mode to capture AC Current spikes during start-up, and phase-rotation testing to ensure motor and power source alignment.



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SPOT THERMAL CAMERA (FLIR TG165)

• يستخدم في أعمال التصوير الحراري للمحولات والموزعات والخطوط

- Dual Laser .
- Color palettes : Hot Iron, Rainbow, Grayscale .
- IR Resolution : 80 × 60 pixels .
- Temperature Range : -25C to 380C .



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INFRARED THERMOMETER (UNI-T UT301D+)

• يستخدم في قياس درجة الحرارة عن بعد

- Temperature Range : -32C to 600C .



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EARTHING- SOIL RESISTANCE TESTER (ETCR3200C)

• يستخدم في قياس مقاومة الأرضي

- 2 Pole Measure earth Resistance .
- 3 Pole Measure earth Resistance .
- 4 Pole Measure earth Resistance .
- Single Clamp Measure earth Resistance .
- Double Clamp Measure earth Resistance .
- Soil Resistivity .
- Earth Voltage 0V-100V .
- AC Current 0.0mA-600A .



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EARTHING RESISTANCE TESTER

CHAUVIN ARNOUX C.A 6460

• يستخدم في قياس مقاومة الأرضي

- 3-in-1 tester: resistivity, earth, coupling between two earths
- measurement range: 0.01 to 2,000 Ω (3 automatic ranges)
- change from 4-wire method to 3-wire method thanks to 1 removable captive bar between E and ES
- 3 fault presence indicators to validate measurement
- measurement frequency: 128Hz



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VARIAC TEST

TSGC-15/0.5

• يستخدم في التحكم في الجهد

- Regulator is self-coupling transformer that circle ratio can be adjust table to continually. Main axes act with brush frame. when regulator brush recur while The circle ratio can be changed continue all when silde with grind surface of coil so that output-voltage adjust from zero to max smoothly hand



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PRIMARY INJECTION TESTER (MEGGER PCITS2000/2)

• يستخدم في اختبار محولات التيار والمفاتيح

- Current range 20 A to 2000 A (0 to 3 V) 50 Hz/60 Hz(Programmable in 10 A steps) .
- Current range 40 A to 1000 A (0 to 6 V) 50 Hz/60 Hz(Programmable in 10 A steps) .
- AC voltage output Auxiliary 0 to 250 V, 2 A, 50 Hz/60 Hz .
- AC voltage output Auxiliary 0 0 to 125 V, 2 A, 50 Hz/60 Hz .



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CIRCUIT BREAKER OVERLOAD TEST (MEGGER MS – 2A)

يستخدم في اختبار أجهزة الوقاية والمفاتيح

- 1- Test outputs 0 to 100 A a.c.
- 2- Volage outputs 0 to 240 V a.c.
- 3- Auxiliary output 0 to 120 V a.c.
- 4- Timer normal - drawback .



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SECONDARY INJECTION TESTER MEGGER (FOSTER SCITS 100)

• يستخدم في اختبار أجهزة الوقاية

- Test outputs to 100 A a.c., 240 V a.c., 240 V d.c.
- Auxiliary output to 120 V a.c. for directional relays
- Integral custom timer for testing IDMT relays or circuit breakers
- Automatic protection against current or thermal overload



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LUMEL POWER ANALYZER (LUMEL)(NP40 , CTC1535)

• يستخدم في قياس المتغيرات التي تؤثر علي جودة الشبكة الكهربائية

- waveform real-time display (4 voltages/4 currents).
- half cycle RMS measurement (voltage and current).
- measurement of TRMS currents up to 5000 A (with standard sensor).
- measurement in 1-phase and 3-phase systems (3 - and 4-wire).
- measurement of voltage, current, harmonics, power, energy, inrush current, flicker and other.



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INSULATION RESISTANCE TESTER UP TO 5 K.V (UNI-T UT513)

• يستخدم في قياس جودة العزل للمهمات الكهربائية

- 500V-1000V-2500V-5000V .
- Continuous Measure .
- Timed Measure .
- Polarization Index PI Measure .



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INSULATION RESISTANCE TESTER UP TO 15 K.V (C.A 6555)(CAUVIN-ARNOUX)

• يستخدم في قياس العزل الكهربائي

- Measurement range from 10 k Ω to 30 T Ω
- Fixed or programmable test voltage from 40 V to 10/15 kV
- 5 mA charging current
- Real-time graphical display of R(t)+u(t), i(t), i(u)
- Storage of 80,000



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TAN DELTA TESTER (MEGGER)(DELTA 2000)

• يستخدم في اختبار زاوية الفقد في المحولات بجهد 12 ك.ف

- Designed to work in high interference switchyards of up to 765 kV
- Built-in capability for storing, printing and downloading test results
- Optional HV reference capacitors (100 pF, 1000 pF) with 2% dissipation factor, and a 10 nF TTR capacitor



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HIPOT TESTER

PGK 150 HB BAUR AC/DC HV TEST SET

• يستخدم في التأكد من سلامة عزل مكونات المنظومة الكهربائية ذات الجهد العالي حتى 150 ك.ف

- Oil-insulated maintenance-free high voltage transformer
- Continuously adjustable output voltage
- Safety control unit according to EN 50191
- Voltmeter with 2 measurement ranges
- Ammeter with 3 measurement ranges
- Thermal overcurrent switch-off
- Robust two-part structure



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MICRO - OHMMETER TESTER (MEGABRÁS - MPK-220 D)

• يستخدم في قياس نقط التلامس والملفات

- It uses the four-terminal method as a Kelvin Bridge.
- Resistance reading is not dependent on the current setting within a wide range.
- 6 to 20 and 60 to 200 A test current .
- 0.1 m ohm resolution.
- Automatic or manual selection of range (auto-scaling) .



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WINDING RESISTANCE TEST (MEGGER) DLRO 10X

• يستخدم في قياس مقاومة ملفات المحول والمواتير

- A resistance measurement takes approximately 2.5 seconds and comprises a measurement with forward current, reverse current and a display of the average. On the DLRO 10X all three values are displayed, and optionally, the measurement may be limited to forward current only.



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URNS RATIO TESTER (VANGUARD) (ATRT -03 S2)

• يستخدم في قياس نسبة التحويل للمحول

- Transformer Test Voltages .
- Phase angle and excitation current measurement
- Capable of detecting 130 different 3-phase transformer types defined by ANSI, IEC, and Australian standards plus phase shifting transformers
- Store up to 128 transformer test-plans in Flash EEPROM
- Store up to 112 test records in Flash EEPROM



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BREAKDOWN OIL INSULATION

• يستخدم في قياس العزل الكهربائي للزيت

(Fully Automatic Insulation Oil Dielectric Strength IIJ-II)

- 1- Output Voltage 80KV,100KV .
- 2- Sensitivity < 0.1KV .
- 3- Standard IEC165 .



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INSULATING OIL DIELECTRIC STRENGTH TESTER DRY (CHARGING TOP)

• يستخدم في قياس العزل الكهربائي للزيت

- Menu management, data input simple and convenient.
- It can store 99 data of oil sampling tests, the test data can be reviewed and printed in 100 years even after power is off.
- The software can be upgrade through RS232 terminal. Test data can be uploaded to PC by RS232 port.
- Strong anti-jamming, high precision testing.



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PURIFICATION OIL MACHINE (CHANGGING TOP)(ZY -20)

• يستخدم في تكرير وفلترية زيوت المحولات

- Portable Vacuum Insulating Oil Purifier
- ZY is small and efficient. It moves easily and can be used both indoor and outdoor.
- New type of electric heating system with high efficiency, low heating load, uniform heating, low energy consumption.
- Multistage precise filtration system; Decontamination technology combining the molecular adsorption filtration and mesh filter.



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THERMAL CAMERA

FLUKE TI300+

• تُستخدم في فحص الأعطال الكهربائية (اللوحات، الكابلات، القواطع)

- Thermal Imaging Accuracy: 240 * 320 pixels
- Temperature Range: -20°C to 650°C
- Focus System: LaserSharp™ Auto Focus
- Thermal Sensitivity: < 0.075°C
- Display: 3.5-inch touchscreen
- Memory: Internal storage + external memory card
- Drop Resistance: Up to 2 meters
- Connectivity: Equipped with Wi-Fi, compatible with Fluke Connect application
- Protection Rating: IP54 (dust and water splash resistant)



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TRIPLE M

Contact Us



01050973203



info@triplemco.com



2004 Adel Al-Shahawi Street -
Second District - Behind Abu Bakr
Al-Siddiq Mosque 6 October .



Triple M Factory address
33 Makhazen Alshabab , Third
Industrial area - 6 of October .

