

DMO200 Features

Why you should use the DMO200 in your substation

Powerful 1-200A dc low ripple output

- BS EN 62271-100 (High voltage switchgear and control gear—ac circuit breakers) states that circuit breaker contact resistances should be tested at a minimum of 50A.
- Testing at a higher current gives more accurate results for very low resistances and a greater immunity to substation electric fields.

Optional current clamp for testing with both sides grounded

- Optional current clamp allows accurate measurement of contact resistances where both sides of the test object are earthed.
- Current in earth loop automatically deducted from test current and excluded from resistance calculation.
- No Senior Authorised Person required to remove earths for circuit breaker contact resistance testing.

Pre-settable test current

- Pre-programmed with one-touch test currents of 50, 100 and 200A.
- Pre-set test currents easily changed to other values.

0.1 $\mu\Omega$ -5 Ω measurement range

Traceable data storage to USB memory key

- Serial number stored with test results.
- Keyboard to comment results.
- Results stored as standard CSV file that can be opened by any spreadsheet.

Ultra light weight—6.9kg

Universal supply voltage 90—265Vac

- Full power at 110V.
- Generator compatible.

Output lead set included

- Standard 200A 3m lead set included with unit (separate high current and sense leads).
- Unit may be supplied with Kelvin lead set instead of standard lead set at no extra cost (part no. 224K).

Colour screen

Optional accessories

- Optional current clamp for fully grounded testing.
- Optional Kelvin clamp lead set.
- Optional lead set with very large clamps.
- Optional 3-10m lead set extensions.
- Optional printer.



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