



Centrix 2.0 Lite is a predefined entry-level system tailored to typical cable fault location and testing needs:

- 80 kV single-phase system, integrated TDR, HV prelocation, 8 / 16 / 32 kV – 2000 Joule
- Easy and fully automated operation using a single jogdial and motorised switches
- Optionally 0.1 Hz cosine-rectangular VLF with very high test capacity

Features included:

| Application | Description | Performance |
|---|---|--|
| Insulation resistance evaluation | To tell apart and identify different types of faults | Up to 10 kV, 100 Ω ... 650 MΩ (via HV system output) |
| Prelocation | To get a distance to the fault and know where to start pinpointing | |
| TDR | Time Domain Reflectometry – low voltage, runtime-based measurement of impedance changes in the cable | Up to 160 V |
| inductive ARM Multishot | Arc Reflection Method – the standard technology in the industry to find the distance to the fault Multishot: 15 fault traces per shot, inductive coil-type ARM-filter is superior for fault ignition and radar measurement | Up to 32 kV |
| ARM Conditioning | Treating tricky and tough faults by thumping and then finding the distance to the fault; particularly beneficial for PILC cables, wet faults and faults in oil-filled joints | Up to 32 kV |
| ICE / Surge Pulse | Travelling wave method, current decoupling – beneficial for long cables and PILC cables | Up to 32 kV |
| DECAY | Travelling wave method, voltage decoupling – beneficial for high breakdown faults and high voltage cables | Up to 80 kV |
| Pinpointing | For magnetic-acoustic pinpointing of the exact fault position using coincidence method („thunder and lightning“) | 8 / 16 / 32 kV 2000 / 2000 / 2000 J |
| Optionally VLF testing | | |
| CR 54 | 54 kV 0.1 Hz Cosine rectangular VLF | 5 μF at 54 kV _{RMS} at 0.1 Hz |
| CR 62 | 62 kV 0.1 Hz Cosine rectangular VLF | 3 μF at 62 kV _{RMS} at 0.1 Hz |

Note: Cable drums are not included in this Lite package and have to be ordered separately.



Talk to our sales representatives or ask for quotations immediately :-)

Please send inquiries to
van.projects@megger.com

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