

CBD 7**Cable Burn Down Instruments**

Reliable and cost-effective instrument for cable fault burning

Features**CBD 7**

- Burning down high resistance/unstable faults to alter fault condition.
- 6 selectable ranges with AC and DC operation.
- High energy output, suitable for drying long wet cables under controlled condition.
- Interlock protection for safe operation.

Application**CBD 7**

- Highest Voltage range is selected to ignite the fault on cable under test. The range is gradually lowered to get burn down at lowest Voltage range.
- A carbon bridge is formed across the fault after burn down. This helps in using ordinary PE/TDR instrument to get the fault distance. Carbon bridge is blown out by high energy surges during pin-pointing.
- AC Voltage ranges make it possible to carry out burning on LT mains supply cables on which consumers are connected.
- For drying wet section of a cable, the voltage has to be gradually increased to get voltage break down. The output can be controlled till there is no Voltage breakdown.

Specifications

CBD 7

Power Supply	: Mains Supply 220/230/240 V AC \pm 10% 50 / 60 Hz 7 KVA max.
Output Ranges	: 1) 60 V AC 110 A 2) 220 V AC 30 A 3) 1.2 KV DC 6 A 4) 4 KV DC 1.5 A 5) 8 KV DC 0.8 A 6) 14 KV DC 0.5 A
Meter	: Moving iron current meter 0-50 AAC, placed in primary of power supply transformer
Protections	: Variac zero interlock Output Cable Interlock Automatic earth discharge at switching off / mains failure Magnetic shunt protection to limit input current Overload protection by MCB switch Overheat protection by a thermal switch placed in primary winding of power transformer.
Dimensions	: 525 x 435 x 725 (mm) (Including caster wheel)
Weight	: 118 kg
Accessories	: Operation / Servicing Manual Mains Input Supply 3 core flexible cable Earth Cable, Output Cable, Instrument Cover
Operating Temperature	: 0 - 50 deg C

Marketed by

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