

**DP20**  
**DP40**



# High Voltage DC Discharge Probes



DP20  
Discharge  
probe

## Features

- For discharging high voltage cables after testing
- Earthing hook
- Highly flexible, clear silicone covered earth cable
- For use with the PT18-10 and PT30-10 cable test sets

The DP20 and DP40 discharge probes are designed for discharging high voltage cables after testing. The probes are supplied as standard accessories for the T&R PT18-10 and PT30-10 cable test sets, and are also available separately.

The discharge probes consist of a pointed probe connected to a 5m long earth lead via a series of surge resistors with an insulated handle. The earth lead insulation is clear silicone allowing the conductor to be easily inspected, and is terminated in an M6 hooked crimp.

	DP20	DP40
Maximum discharge voltage	20kV	40kV
Maximum discharge energy	3.6kJ	7.2kJ
Maximum discharge capacitance	12mF	6mF
Resistance	30kW	60kW
Length	530mm	900mm
Earth lead length	5m	5m
Earth lead CSA	6mm <sup>2</sup>	6mm <sup>2</sup>

## ES30 ES50 ES100

## Earth Sticks



ES30

## Features

- For earthing high voltage connections
- Highly flexible, clear silicone covered earth cable

The ES30, ES50 and ES100 earthing sticks are designed for earthing the high voltage connection after ac testing in accordance with EN50191. The earthing sticks consist of a hooked earth connection mounted on an insulated handle with a 5m earth lead. The earth lead insulation is clear silicone allowing the conductor to be easily inspected, and is terminated in an M6 hooked crimp.

	ES30	ES50	ES100
Maximum voltage	30kV	50kV	100kV
Length	670mm	840mm	1270mm
Earth lead length	5m	5m	5m
Earth lead CSA	6mm <sup>2</sup>	6mm <sup>2</sup>	6mm <sup>2</sup>

Each of the earth sticks unscrews into two sections for easy storage and transport.

**Note: Under no circumstances must these discharge/earthing probes be used on energised distribution systems.**

