

753 Series

Miniature Partial Discharge Simulator

■ The Miniature Partial Discharge Simulator is a compact, battery operated discharge simulator. It injects a known PD signal into a PD test circuit to allow verification of calibration. It can be used to check any partial discharge detection installation where a PD detector has a measuring frequency less than 500 KHz.

A function switch selects a partial discharge level to be injected into the test circuit. The unit also incorporates a fine frequency control for synchronizing to a multiple of the mains frequency. An LED indicates the condition of the battery.

TECHNICAL SPECIFICATIONS

General

Battery	9 V type pp3
Rise Time	300ns
Repetition Rate	1.2 kHz
Frequency Variation	+/- 50Hz min
Polarity	Alternating positive neg.

Weights and Dimensions (W x H x D, net weight, ship weight)

5 x 4 x 2 3/4 in, 1.1 lbs, 2 lbs

FEATURES

- ☑ Fine frequency control
- ☑ Three different pulse levels
- ☑ Common banana type connection
- ☑ LED indicator light
- ☑ Replaceable battery
- ☑ Light weight
- ☑ Durable

APPLICATIONS

- ➔ Calibration for partial discharge measurements

ORDERING INFORMATION

Model

753US	0.5, 5, 50 pC
753US-1	5, 50, 500 pC
753US-2	2, 5, 10 pC



Subject to technical modifications without notice.

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