

# CAL 543 Online Charge Calibrator

Accessory to partial discharge measurement products

## CAL 543

The CAL 543 is an online charge injector, which remains permanently installed on the object being tested. All measurements are performed without the need for interruption for rewiring - making work faster, easier and much safer.

The CAL 543 is completely galvanically isolated due to its fiber optic connection. Communication takes place with the device via the CAL 543R remote control or directly using the advanced version of the MPD 600 software.

The charge is fed directly into the test circuit, so that no additional coupling capacitor is required. Thus the CAL 543 also saves space and simplifies partial discharge measurements.



CAL 543

## CAL 543R Remote Control

The CAL 543R is required to control the CAL 543 calibrator. It can be replaced when using the advanced module of the MPD 600 software, which directly controls the calibrator.



CAL 543R

Technical Data	CAL 543
<b>Pulse Rise Time</b>	< 5 ns
<b>Pulse Repetition Frequency</b>	1200 Hz
<b>Pulse Charge</b>	1 to 300 pC
<b>Power Supply</b>	Lithium battery, Lifetime > 10 years (with 12 h operation per day)
<b>Diameter</b>	100 mm / 3.9 in
<b>Weight</b>	400 g / 0.9 lbs
<b>Order Number</b>	VE004240

	CAL 543R
<b>Power Supply</b>	Lithium battery 9 V, 1.2 Ah, Lifetime > 10 years
<b>Dimensions (W x H x D)</b>	110 x 30 x 180 mm 4.3 x 1.2 x 7.1 in
<b>Weight</b>	520 g / 1.1 lbs
<b>Order Number</b>	VE004241

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Customers in more than 140 countries rely on the company's ability to supply leading-edge technology of excellent quality. Service centers on all continents provide a broad base of knowledge and extraordinary customer support. All of this together with our strong network of sales partners is what has made our company a market leader in the electrical power industry.