

# PDCAL 100 – Partial Discharge Calibrator



**PDCAL** provides a reliable / portable source reference for PD measurement.

**PDCAL** is designed for field application thanks to its internal battery supply.

**PDCAL** is available in “extended pulse version” able to perform up to 1000 pC pulse.

## PDCAL Characteristics

**PDCAL** calibrator consists of a microprocessor controlled pulse generator allowing the user to select several output pulse-width through simple up-down pushbuttons operation.

Thanks to on board photo coupler **PDCAL** output pulse can be synchronized with the actual line frequency through external surrounding electrical light source.

**PDCAL** has excellent pulse-width stability; scale calibration factors are permanently stored inside its flash memory .

## PDCAL Technical Specifications

- Programmable Pulse Range:  
1, 2, 5, 10, 20, 30, 40, 50, 70, 100 pC
- Pulse Accuracy: IEC 60270 compliant
- Adjustable pulse repetition rate:  
0.5 – 1 – 2 – 4 pulse per cycle
- Internal supply: single 9 V battery
- Room light synchronization feature
- Pulse Output connector: Standard BNC type
- Injection capacitance <20 pF

## Typical Pulse Shape

