

# PDCAL UHF – Partial Discharge Calibrator



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

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

## PDCAL UHF Characteristics

**PDCAL UHF** 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 UHF** output pulse can be synchronized with the actual line frequency through external surrounding electrical light source.

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

## PDCAL UHF Technical Specifications

- Rise time < 200 ps – Pulse Width 1 ns
- Programmable Pulse Range:  
0.2, 0.5, 1.0, 2.0, 5.0, 10, 20, 30, 40 , 50 V
- Pulse Accuracy: ~ 1%
- Adjustable pulse repetition rate:  
0.5 – 1 – 2 pulse per cycle
- Internal supply: single 9 V battery
- Room light synchronization feature
- Pulse Output connector: Standard N type
- Injection capacitance < 10 pF

## Typical Pulse Shape

