

# CAL 165

Partial Discharge Calibrator  
1 pC .. 150 nC



## Efficient, integrated diagnostics, comprehensive results

- ✓ Compact easy to use
- ✓ One calibrator for all ranges, calibration range, from 1 pC up to 150 nC
- ✓ Overvoltage protection, (for onsite DAC systems)
- ✓ Microprocessor controlled for high accuracy
- ✓ Controllable by Wi-Fi

### Technical Data CAL 165

Adjustment range in Coulomb	1 pC – 150 nC
Coupling capacitor 1 pC – 5 nC	100 pF
Coupling capacitor 10 nC – 150 nC	1 nF
Pulse frequency	- 100 Hz - 400 Hz - Double mains frequency through photo sensor
Accuracy	± 5 %, ± 1 pC
Automatic switch off	app. 5 minutes, with no button press
Display	DOT clear read LCD Matrix
Backlight	LED
Power Supply	4 pcs. 1.5 V batteries, size AA, LR6, mini
Weight, including batteries	460 grams, 1 lb, 16.2 oz
Dimensions	210 x 100 x 38 mm, (D x W x H) 8.2 x 3.9 x 1.49 inch
Scope of supply	- CAL 165 - Calibration certificate - 2 pcs. measurement leads 1 meter (red/black) - 2 pcs. crocodile clips (red/black) - User manual printed

improvements to specifications are subject to change without notice



Watertight transport case can be ordered optional

### Applications

- Calibration of PD measurement circuits
- Range matches the auto calibration feature for the following systems  
OWTS S25  
OWTS M28  
OWTS M60  
OWTS HV150, HV200, HV350  
DAC MV10, MV20  
DAC MV30, MV60  
DAC HV200, HV300, HV400  
MM40

### Features

- Clear read LDC with back light
- Microprocessor controlled
- Large Coulomb calibration range
- Wi-Fi controlled instrument settings

