

cali

BAUR PD calibrator



The figure is illustrative

Calibration of test assemblies for PD testing

- Lightweight and user-friendly
- Independent power supply with integrated battery
- Meets the requirements of IEC 60270

Features

- Wide charge range of 100 pC – 50 nC
- Calibration charge polarity can be set
- Easy to operate
- Modern design with clearly arranged operating controls
- Robust, dust- and splash-proof housing
- Lightweight
- Powerful lithium-ion battery for weeks of use
- Backlit display is easy to read in both dark and bright conditions
- Large, easy to read display
- Straightforward connection to the test assembly

The cali PD calibrator is used to calibrate test assemblies for PD testing.

According to standard IEC 60270, the test assembly must be calibrated prior to PD testing. The cali generates precise calibration pulses for this purpose, which are detected by a PD diagnostics system, e.g. the BAUR PD-TaD. The diagnostics system is then set to the charge value of these pulses, which guarantees precise and meaningful measurement results.

The charge and polarity of the calibration pulses can be easily adjusted using the simple push button control panel. All important information, including the battery charge status, is presented in a well-organised and easy to read manner on a large display. The automatic adjustment of the background lighting ensures that the display is clearly visible in all light conditions – whether dark or bright.

The high-performance lithium-ion battery ensures long operating times and maximum mobility. This makes cali the ideal companion for any PD diagnostics system.

Technical data

Calibration of the test assembly	
Calibration charge	<ul style="list-style-type: none"> 100 pC, 200 pC, 500 pC, 1 nC, 2 nC, 5 nC, 10 nC, 20 nC, 50 nC Switchable polarity
Pulse sequence	50 Hz (20 ms)
Rise time	< 25 ns
Pulse capacitors	<ul style="list-style-type: none"> 47 pF for 100 pC – 2 nC 437 pF for 5 nC – 50 nC
General	
Power supply	
Rechargeable battery	Lithium-ion battery, 3.6 V, 950 mAh, 3.42 Wh
Battery life	Approx. 60 h
Protection of the battery	Protection against: <ul style="list-style-type: none"> Deep discharge Overcharge Overheating Overvoltage
Charging time	Approx. 4 h
Charging port	USB-C port
Display	<ul style="list-style-type: none"> Transflective LCD display with background lighting Brightness sensor for controlling the background lighting
Signal output	<ul style="list-style-type: none"> Connection sockets, red and black, Ø 4 mm Not reverse voltage protected
Ambient temperature (operational)	0°C to +55°C
Storage temperature	-10°C to +60°C
Relative humidity	93% at 30°C
Dimensions (W x H x D)	Approx. 78 x 135,5 x 37 mm
Weight	Approx. 500 g
Degree of protection	IP54

Standard delivery

cali PD calibrator incl.:

- Connection cables, red and black, 1.5 m each
- Connection clips, red and black
- Transport bag
- User manual



The figure is illustrative



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