

User's Manual



Calibration Unit Safety Pips

Wolfgang Warmbier GmbH & Co. KG
Untere Gießwiesen 21
D-78247 Hilzingen
www.warmbier.com



■ Introduction

The Calibration Unit contains resistors and capacities within the specified tolerances for testing the Safety Pips.

The Calibration Unit requires no battery or any external power supply.

Notice: Remove all connections from the measuring input of the Safety Pip!

■ Checking the Safety Pips

To check the limits please connect:

- Left jack  of the Calibration Unit with the Safety Pips's ground.
- Right jack of the Calibration Unit with the Safety Pips's coil cord connector using the banana plug adapter.

Select sequentially with the marked lever of the rotary switch each position of the Calibration Unit's left scale (Lo, OK, OK, OK, Hi and Hi).

The Safety Pips must indicate the results corresponding to the selected position of the rotary switch.

■ Checking the Calibration Unit

Recommended calibration cycle: 3 years

To check the resistors and capacitances connect a suitable instrument to the sockets of the Calibration Unit and select each test position with the rotary switch.

The corresponding values and tolerances can be taken from the drawing below.

47pF	±10%	
4,7 MΩ	±1%	
3,0 MΩ	±1%	
2,0 MΩ	±1% + 100pF	±10%...
862 kΩ	±1%	
470 kΩ	±1%	

