

ZCALC Z IMPEDANCE CALIBRATOR – EB100C/NICO100C

ZCALC is an impedance calibrator for the EBI100C or NICO100C impedance amplifier.

It includes ZCAL20 (20 ohm reference) and ZCAL50 (50 Ohm reference) impedance calibrators that plug into the front panel of the EBI100C or NICO100C via four Touchproof pins (I+, V+, V-, I-).

Procedure:

1. Plug ZCAL20 into the EBI100C or NICO100C.
2. Put EBI100C/NICO100C in desired mode and confirm that \tilde{Z} channel HP filter is set to \tilde{DC} position.
3. Record data on \tilde{Z} or impedance channel.
4. Press CAL1 in *AcqKnowledge* and then map the resulting voltage to $\tilde{20}$ ohms.
5. Remove ZCAL20 and replace with ZCAL50.
6. Press CAL2 in *AcqKnowledge* and then map the resulting voltage to $\tilde{50}$ ohms.

ZCALC is not compatible with the BioNomadix BN-NICO impedance amplifier.

SPECIFICATIONS

Dimensions: 1.5" x 1.9" x 1.25" (each case)

Connectors: Touchproof pins (I+, V+, V-, I-)