

General Safety:

To avoid potential hazards and product damage, use these products only as instructed in this manual. If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired. To Prevent Hazard or Injury OBSERVE ALL TERMINAL RATINGS Review the operating manual to learn the ratings on all connections.

This product is grounded through the grounding conductor of the power cord. To avoid electric shock, the grounding conductor must be connected to earth ground. Before making any connections to the input or output terminals of the product, ensure that the product is properly grounded.

MAKE PROPER CONNECTIONS

Make sure all connections are made properly and securely.

DO NOT OPERATE WITHOUT COVERS

To avoid electric shock or fire hazard, do not operate these products with the covers removed.

AVOID EXPOSED CIRCUITRY

Do not touch exposed connections when power is present.

DO NOT OPERATE IN LOW IMPEDANCE Sample:

Load or Sample If the electroporation samples have an impedance of less than 250 Ω in LV and 1K Ω in HV, the samples may arc and result in sample loss and potential damage to unit.

USE PROPER FUSE

Use only specified fuses with product.

DO NOT OPERATE WITH SUSPECTED FAILURES

If damage is suspected on or to the products, do not operate. Contact qualified Persian BEM service personnel to perform inspection.

DO NOT OPERATE IN EXPLOSIVE ATMOSPHERE

To avoid injury or fire hazard, do not operate these products in an explosive environment.

DO NOT OPERATE IN WET/DAMP CONDITIONS

To avoid electric shock, do not operate these products in wet or damp conditions.

DO NOT CONTINUALLY PULSE UNIT

If you continue to pulse the unit without a 10-20 second delay between pulse series, the unit may overheat and result in damage to components.

Calibration

There is no calibration required for the Pars Porator (V1.01).