

#1429 PORTABLE CHILL TABLE

Instructions

The BioQuip Portable Chill Table works with a *Peltier* thermoelectric device which will operate on any 12 VDC battery or from 120 VAC using the included converter. You may also use a standard automotive cigarette lighter receptacle or a DC Pigtail Adapter (#2815A) for use with posted batteries. Center post of plug is positive.

To operate, set the switch to *Chill* and place the styrene foam cap over the chill plate while cooling. The styrene cap serves to insulate the chill plate from warm ambient temperatures and humidity. It also speeds the chilling process and reduces frost build up. A plastic petri dish with live specimens may be placed under the cap during chill down if desired. Additional plastic Petri dishes (#4787) can be purchased from BioQuip if needed. An Auxiliary Stand (#1429A) is also available for this unit.

A solar powered thermometer, located on the front, will indicate the chill plate surface temperature. The readout is in Celsius. The temperature should stabilize around 0° to -10° C. This is the norm but because of the number of variables associated with the cooling process, it can go lower depending on the surrounding conditions such as; set up, ambient surrounding temperature, air circulation around and beneath table. Under humid conditions, frost may build up to a point of interference. Holding the switch in the defrost position for approximately 30 seconds will defrost the place. Wipe away any moisture with a sponge or towel and continue.

This unit draws 4 amps of power. If using a generator to power unit in the field it is suggested to use a 1000 Watt or more rated unit. To determine approximate run time from a battery, divide the battery amp hour rating by 4. Recharge your battery as soon as possible. It is suggested to turn off if not being used for extended periods.

Make sure that there is sufficient room under and around unit for good air circulation, as this is how heat is dissipated from the unit.

This unit is warranted for a period of 1 year against manufacturing defects. Opening the unit or attempting repair will void this warranty. If repair is needed, please contact BioQuip for a Return Authorization (RA) number. Pack the unit securely and return to BioQuip postage paid. On receipt of unit, it will be repaired or replaced at BioQuip's discretion and returned. It is advisable to insure the return for your own protection as BioQuip will not be responsible for lost, incorrectly addressed, or items not received.

