



In order to operate up to 4 Vaclon[®] pumps with only one ion pump controller, Varian has developed a high voltage splitter box.

The splitter box (figure 1) has been designed to be connected to the universal ion pump controller μ 8000, models 929-8000 and 929-8100; it can also be used with the following power supply models :
929-0170/0171/0172/0180/0181/0182.

To connect the splitter box to the controller, first remove power from the controller, then connect the high voltage cable of the splitter box to the high voltage output connector on the rear panel of the controller.

Connect the ion pump to the splitter box with the following cable (not provided) :

cable model 929-0770 - for StarCell[®] Vaclon[®] pumps

cable model 929-0780 - for conventional Vaclon pumps.

WARNING

Hazardous voltages can causes severe injury or death. It is mandatory to disconnect the pump cable from the splitter box when the cable is not connected to the ion pump.

WARNING

Hazardous voltages can causes severe injury or death. Before connecting/disconnecting the high voltage splitter box to the control unit or the ion pump cable to the splitter box, always make sure that the controller is switched off. It is mandatory to disconnect the pump cable from the splitter box when the cable is not connected to the ion pump.

NOTE

If more than one ion pump is connected to the splitter box, the ion pump current/pressure reading on the controller is the sum of every ion pump current.

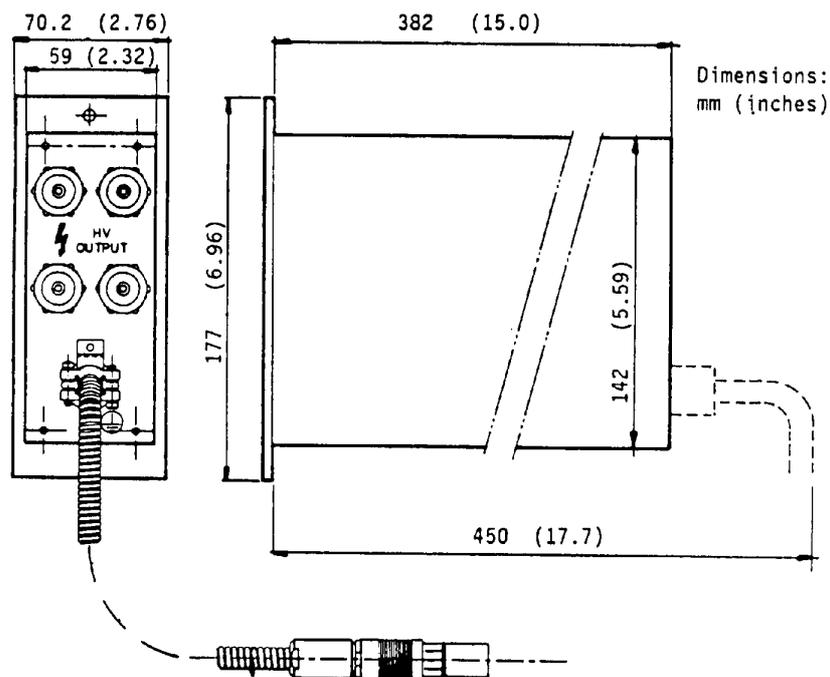


Figure 1