

Fig. 1

PULSE GENERATOR TEST ARRANGEMENT  
(WITH AVX-2T-BEO2B3 MODULE)

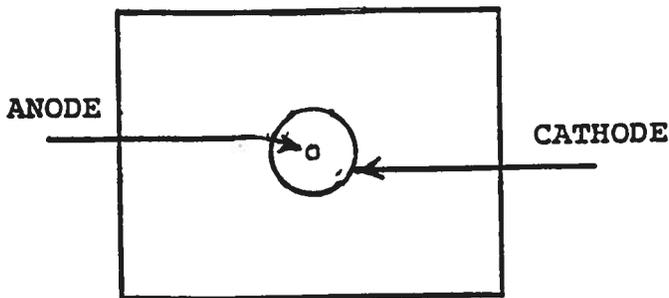
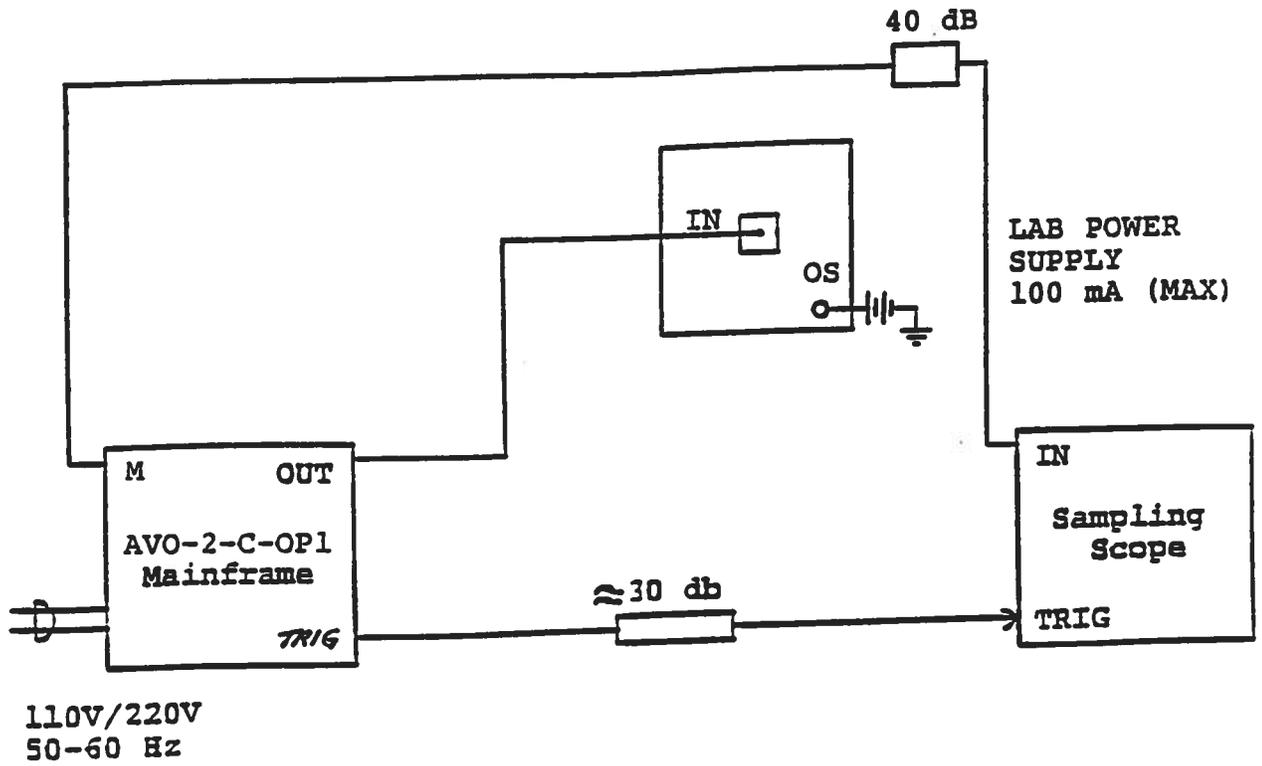


Fig. 2:  
AVO-2T-BEO2B3  
output module.  
PIN socket

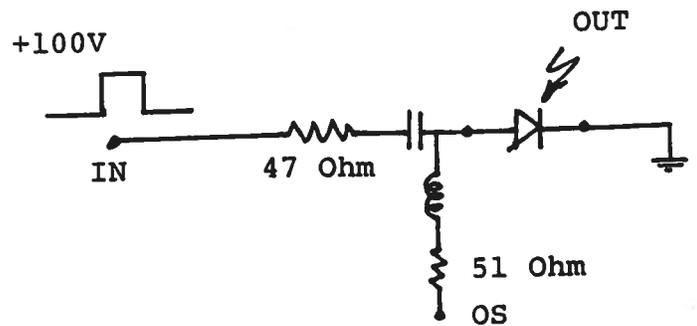


Fig. 3: AVO-2T-BEO2B3  
functional  
equivalent circuit

- 1) The AVO-2T-BE02B3 output module connects to the mainframe via a 5 meter 50 Ohm cable and is designed to mate with the EG&G C86119E diode. The mainframe provides a +100 Volt (maximum) pulse to this module. The 47 Ohm resistor (and the diode resistance) limit the diode current to a maximum of 2.0 Amperes (see Fig. 3). Gently insert the anode lead of the diode package into the 10-32 threaded opening of the AVO-2T unit and contact the pin socket which is located about 1 cm into the 10-32 opening (a 1.5 mm square hole in a translucent nylon face). Push the anode lead into the socket until the 10-32 threads on the package contact the body of the AVO-2T unit. Then screw the package into the threads using finger force only. Note that the above operation is much easier if the anode lead is very straight.
  
- 2) The DC terminal of the bias insertion must either be shorted to ground (if a DC offset is not required) or a DC power supply must be applied. The laser diode will not function if the DC terminal is open circuited. Note that the DC current must not exceed +100 mA (applying a DC potential of 0 to +5 Volts is normally adequate).

Aug 8/96

module for Beacon, d'srael

Disk: AVO, AVO-1, AVO-2

Name: 2TBEO2B3.INS