

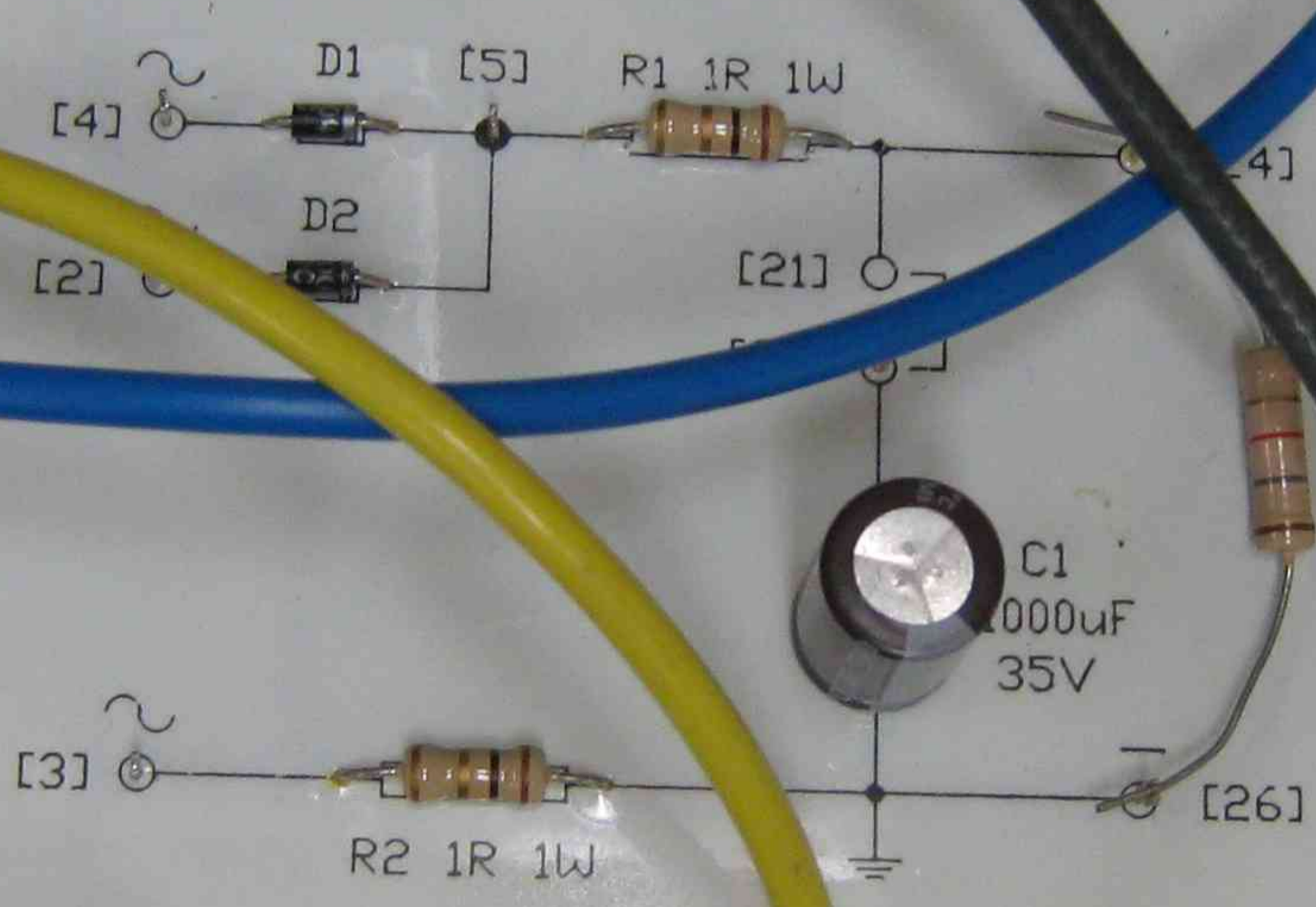
The image shows a breadboard circuit with a printed schematic. The circuit includes two diodes (D1, D2), two resistors (R1, R2), and a capacitor (C1). It is powered by a 5V source and has a ground connection. Wires connect the components to the breadboard's power rails.

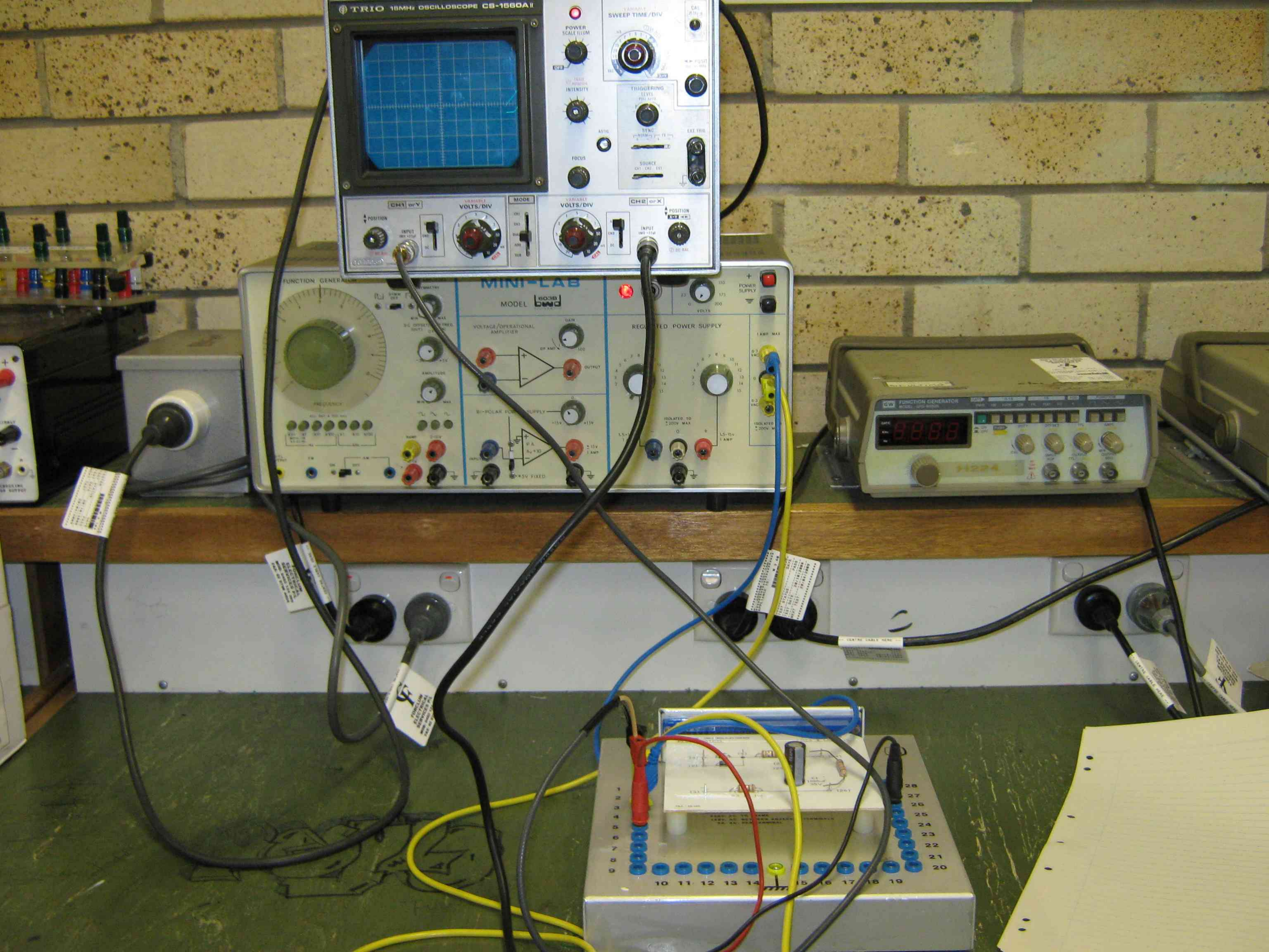
Components and Labels:

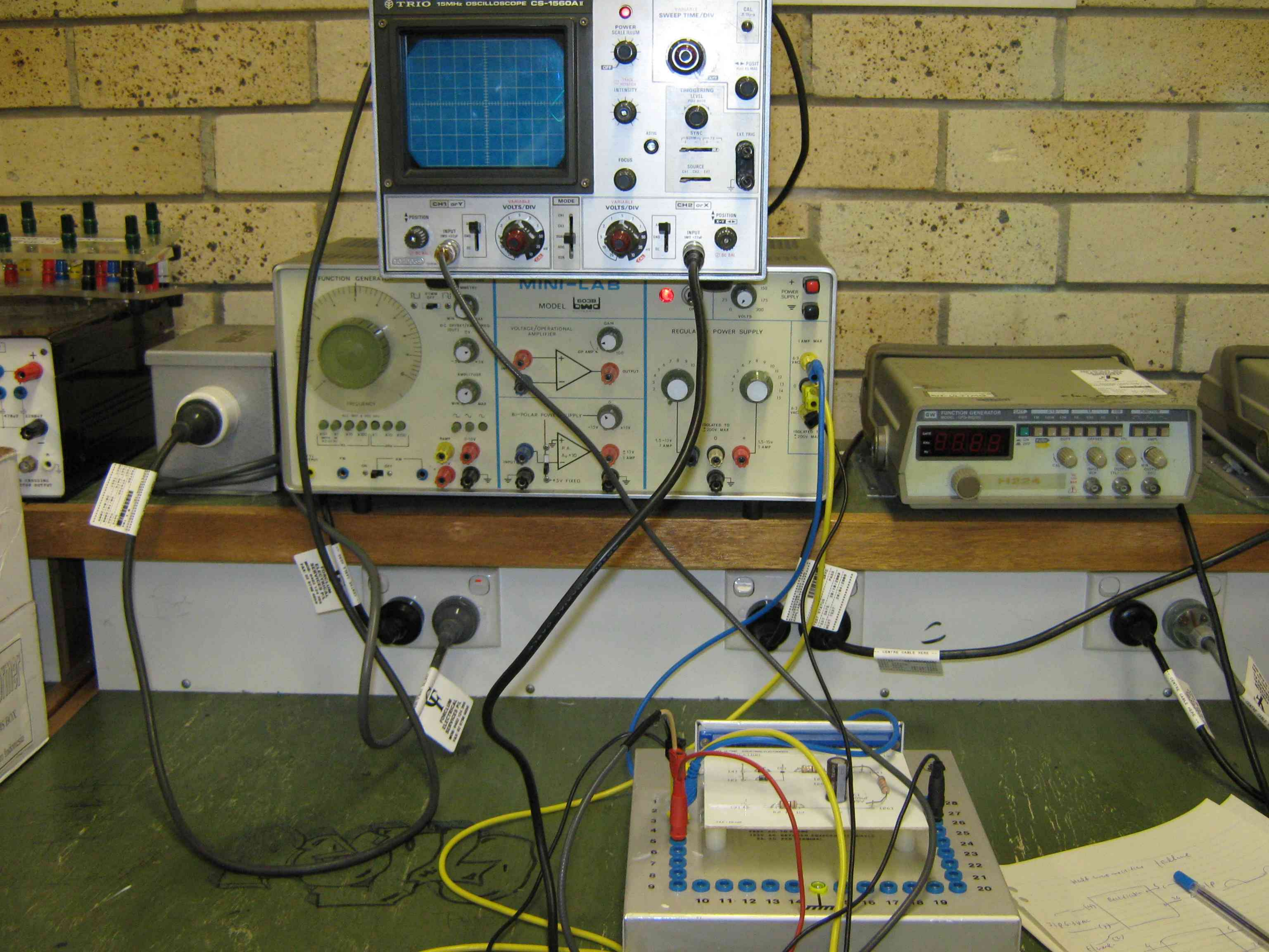
- Diodes:** D1, D2
- Resistors:** R1 (1R 1W), R2 (1R 1W)
- Capacitor:** C1 (1000uF 35V)
- Power Source:** 5V
- Ground:** GND

Connections:

- The 5V source is connected to the positive rail (top row of holes).
- The ground is connected to the negative rail (bottom row of holes).
- Diode D1 is connected in series with R1.
- Diode D2 is connected in parallel with the D1-R1 branch.
- Capacitor C1 is connected in parallel with the output of the D1-R1 branch.
- Resistor R2 is connected in series with the output of the capacitor branch.

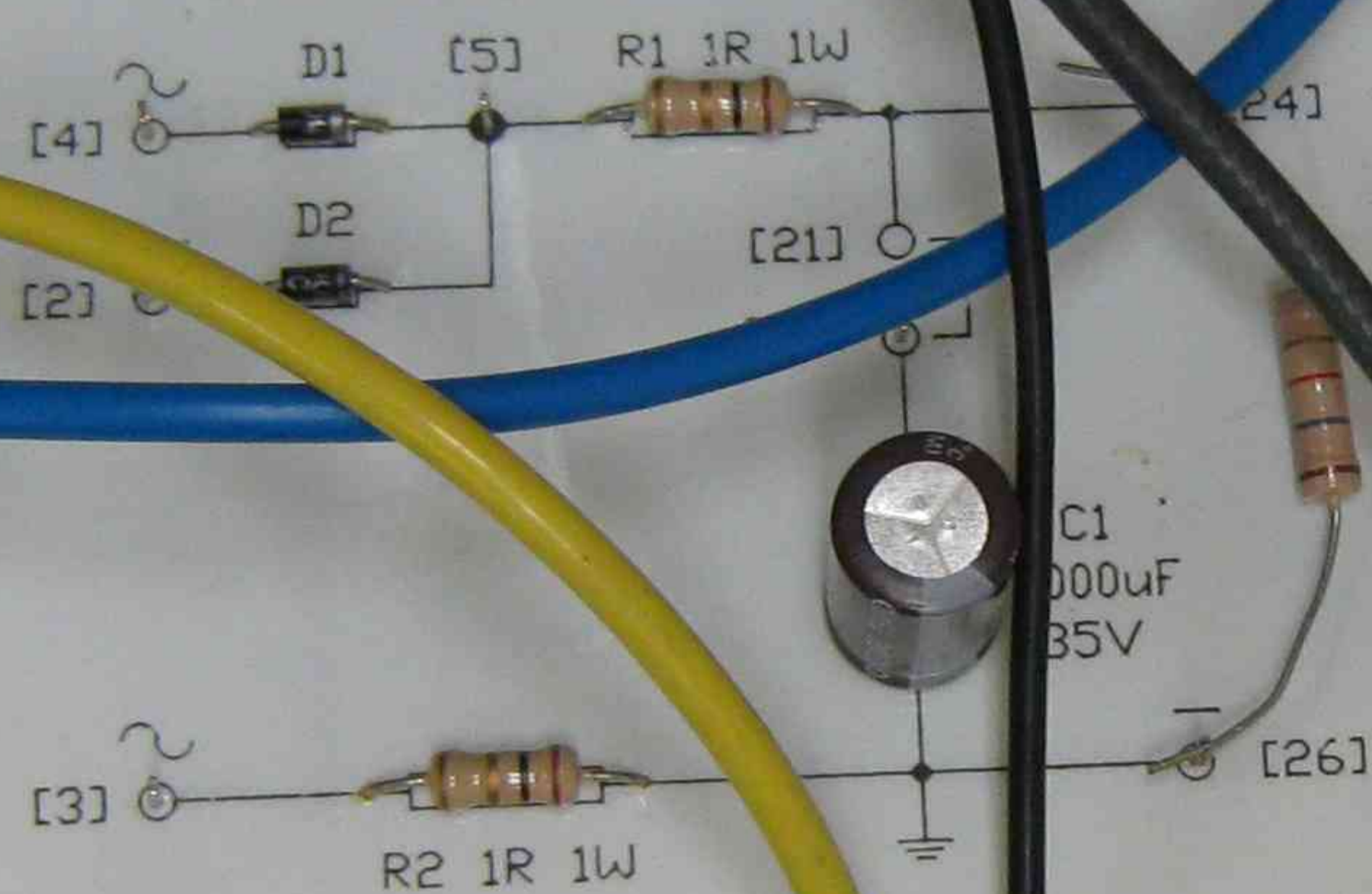






SIT ULTIMO INDUSTRIALELECTRONICS
RECTIFICATION

ELECTRONIC DEVICES
6016A # WEEK 15



1

4

5

6

7

8

9

10 11 12 13

14

15

16

17

18

19

28

27

26

25

24

23

22

21

20

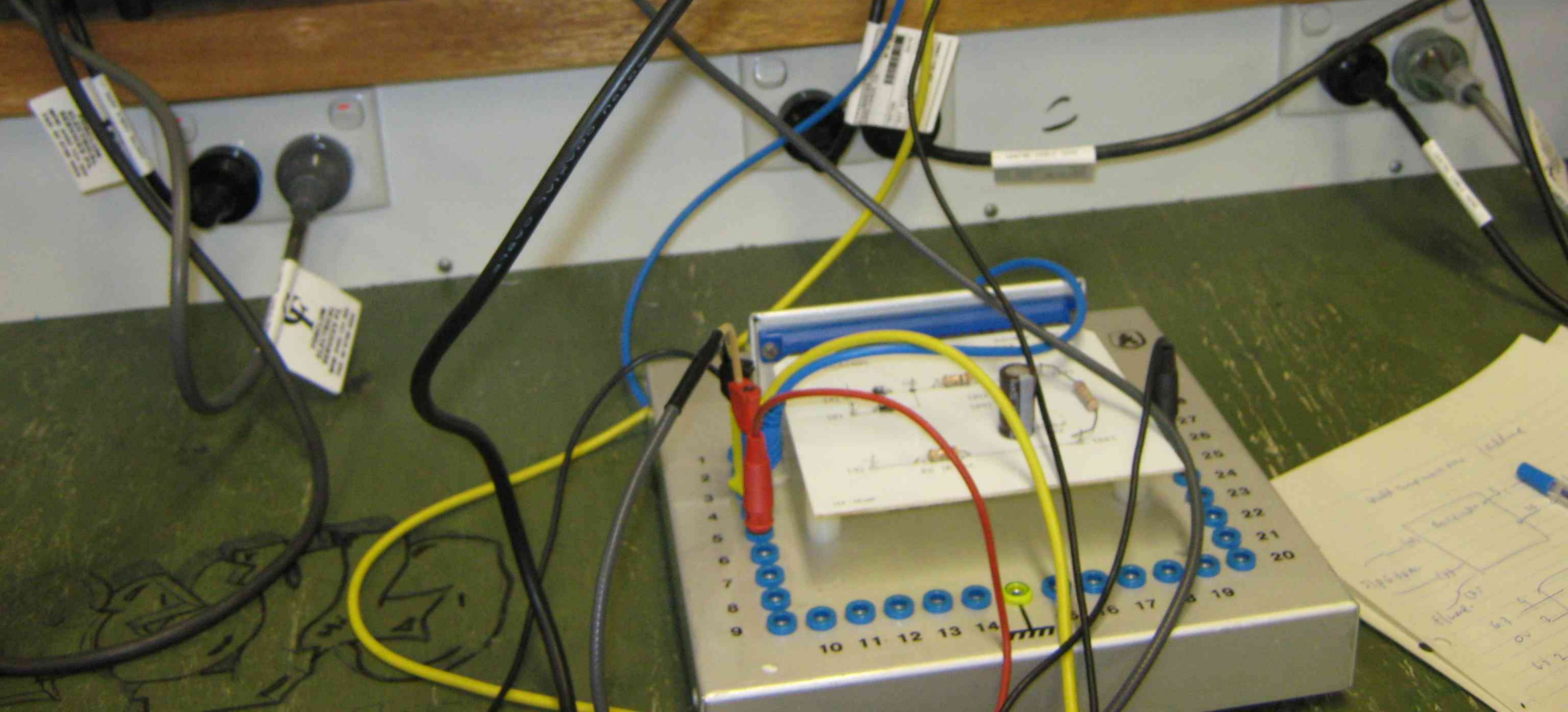
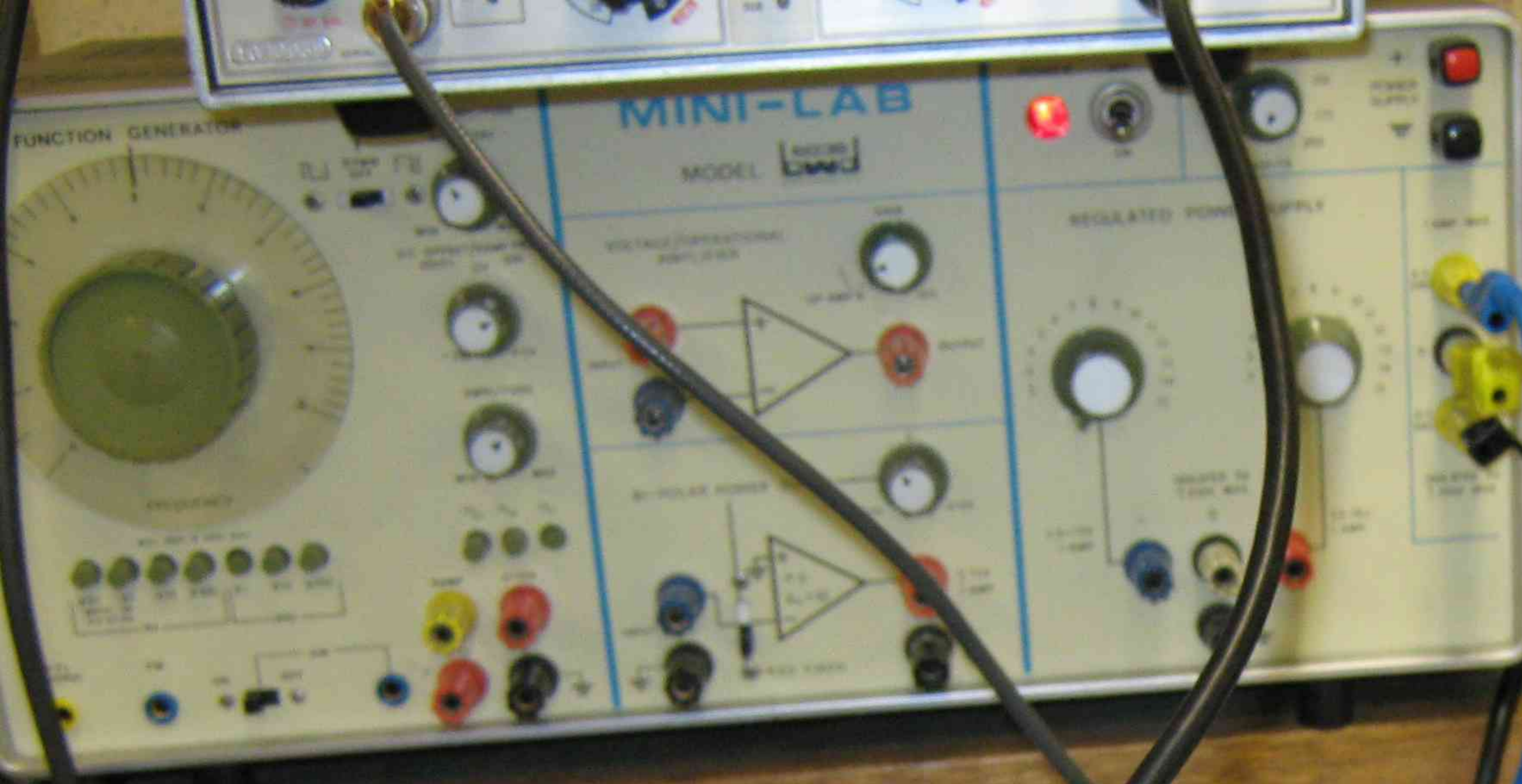
Half wave rectifier / Full wave

31p 6.3VAC

Rectification of S_c

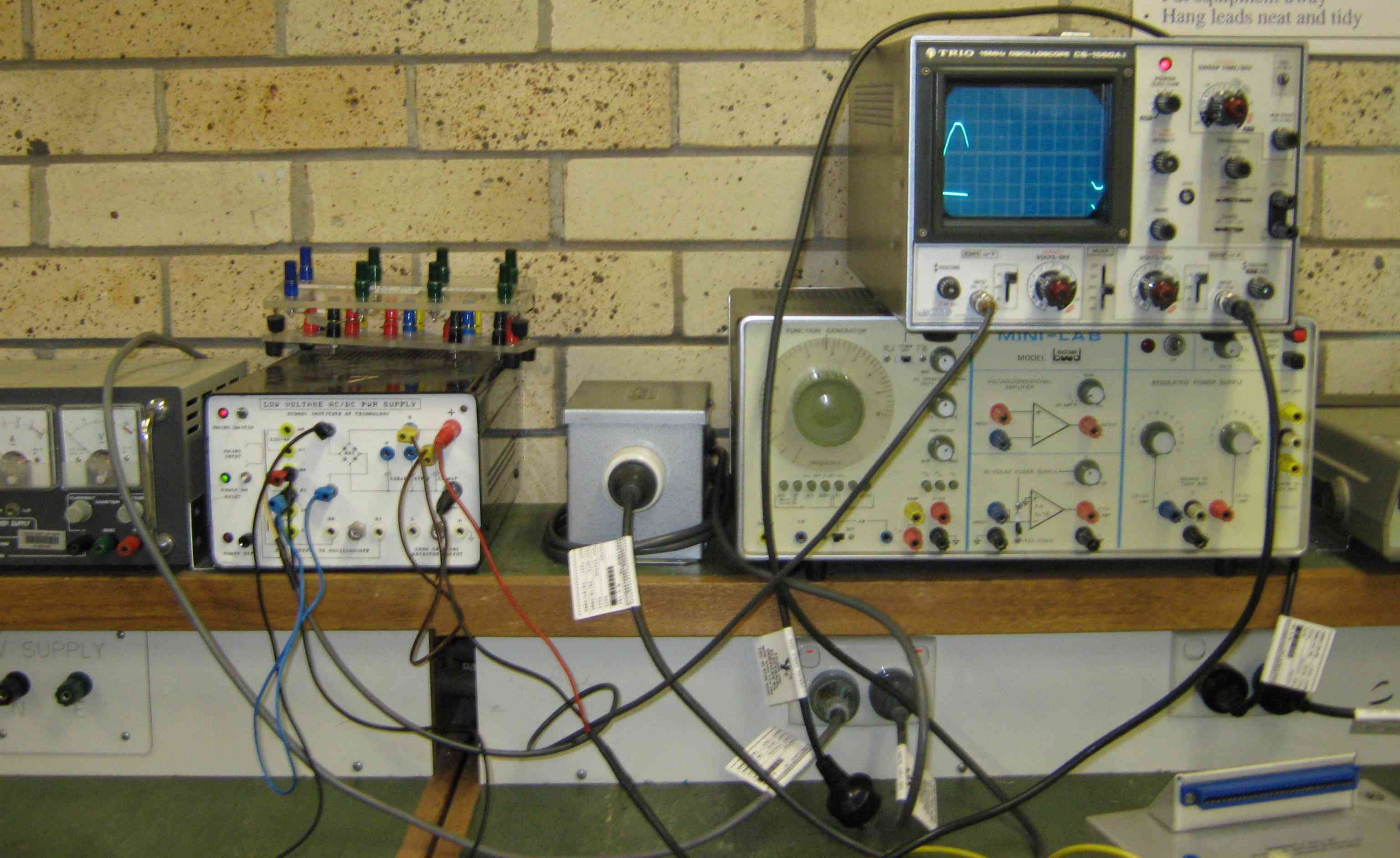
Flux. (2)

6.3	4
0V	3
6.3	2



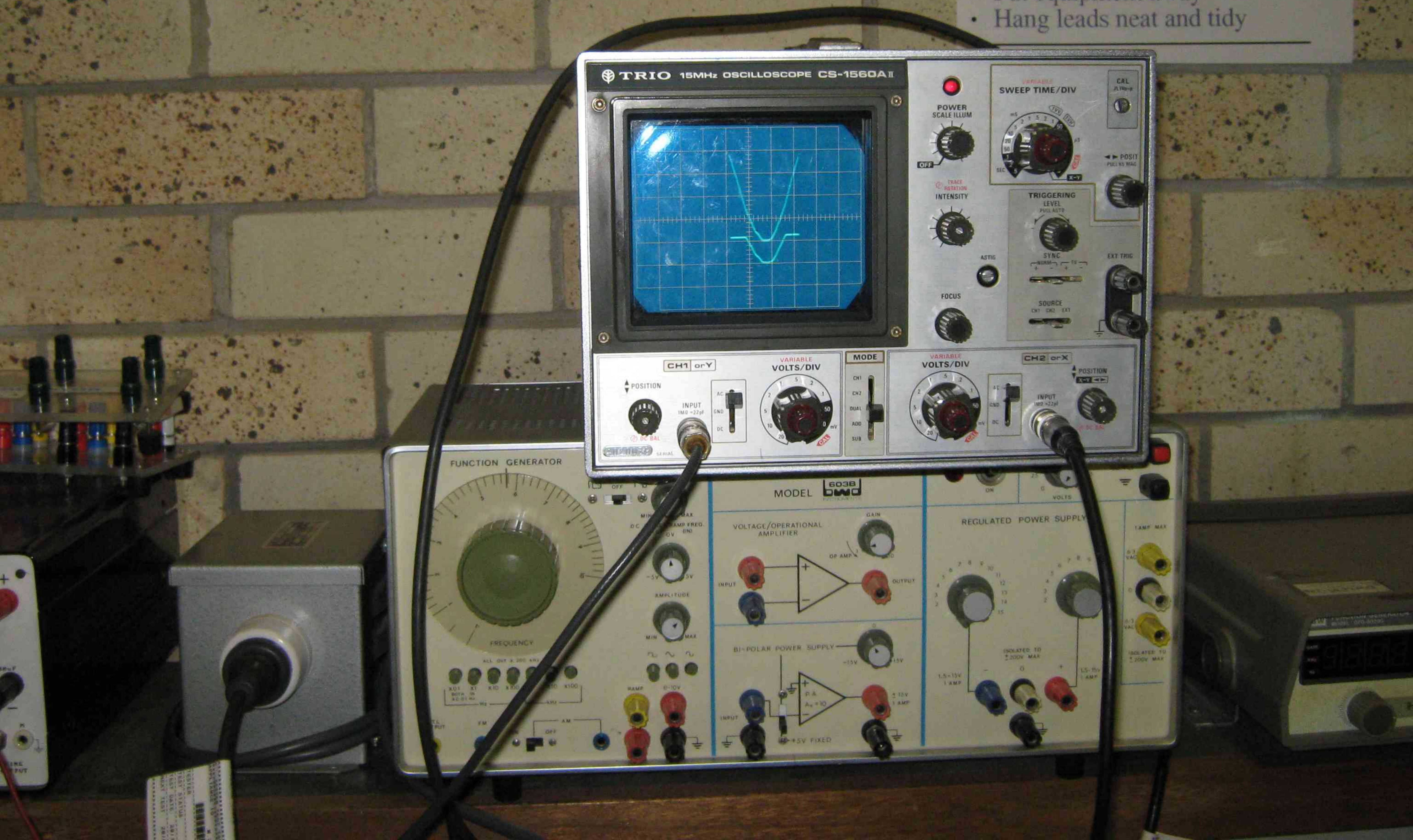
Please help keep our
work area clean and tidy

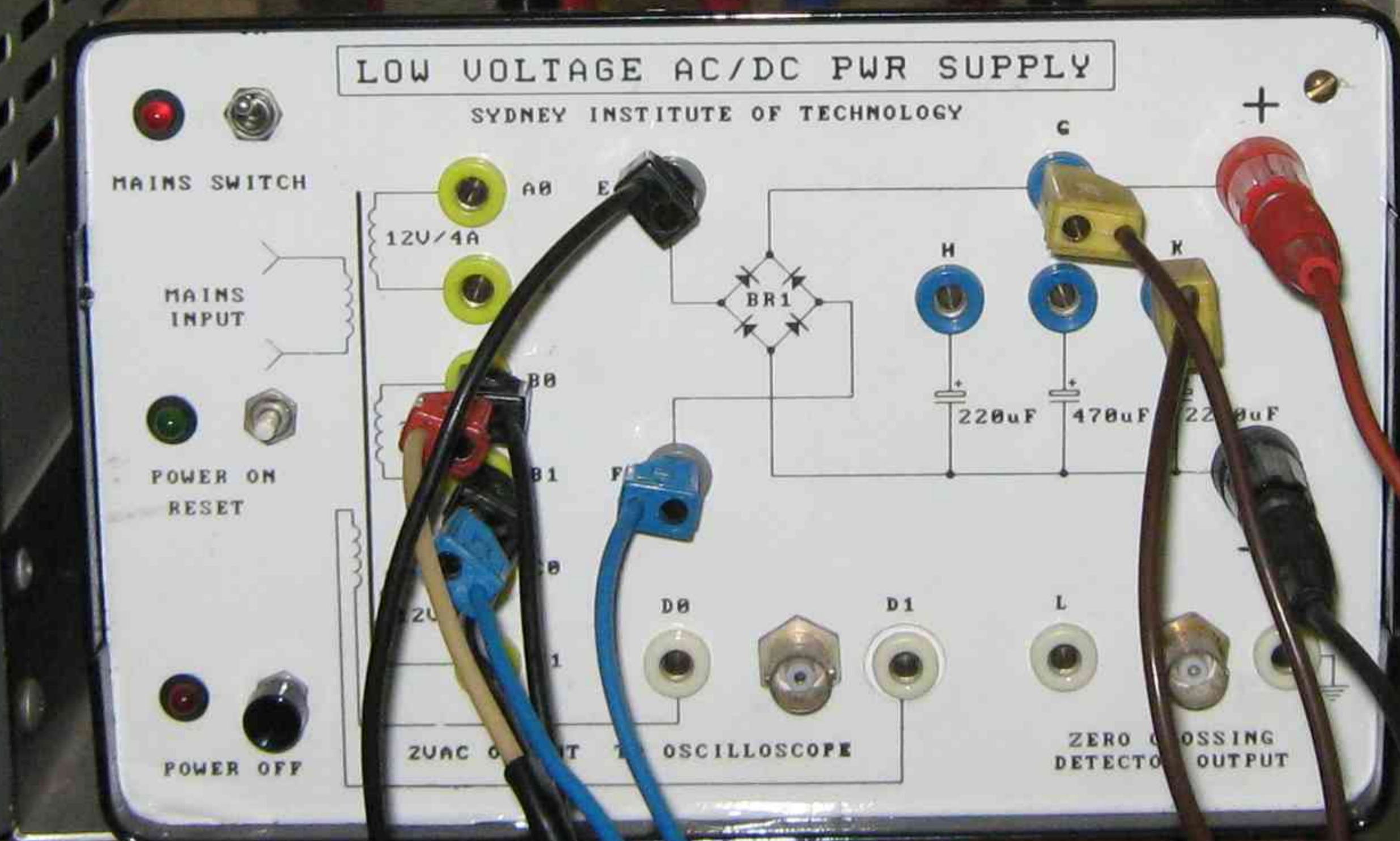
- Remove your rubbish
- Don't draw on bench
- Put equipment away
- Hang leads neat and tidy



Please help keep our
work area clean and tidy

- Remove your rubbish
- Don't draw on bench
- Put equipment away
- Hang leads neat and tidy





TESTER:
TEST STATUS:
TEST DATE: 20/10/2008
NEXT TEST: 20/04/2009
APPLIANCE ID: M.3.104
DATE:
CLASS:
AS3760 TEST TAG