

Basic Electronic Circuits Lab

(IEC-103)

Experiment-07

Objective

To build peak detector, clamper, clipper and voltage doubler circuits.

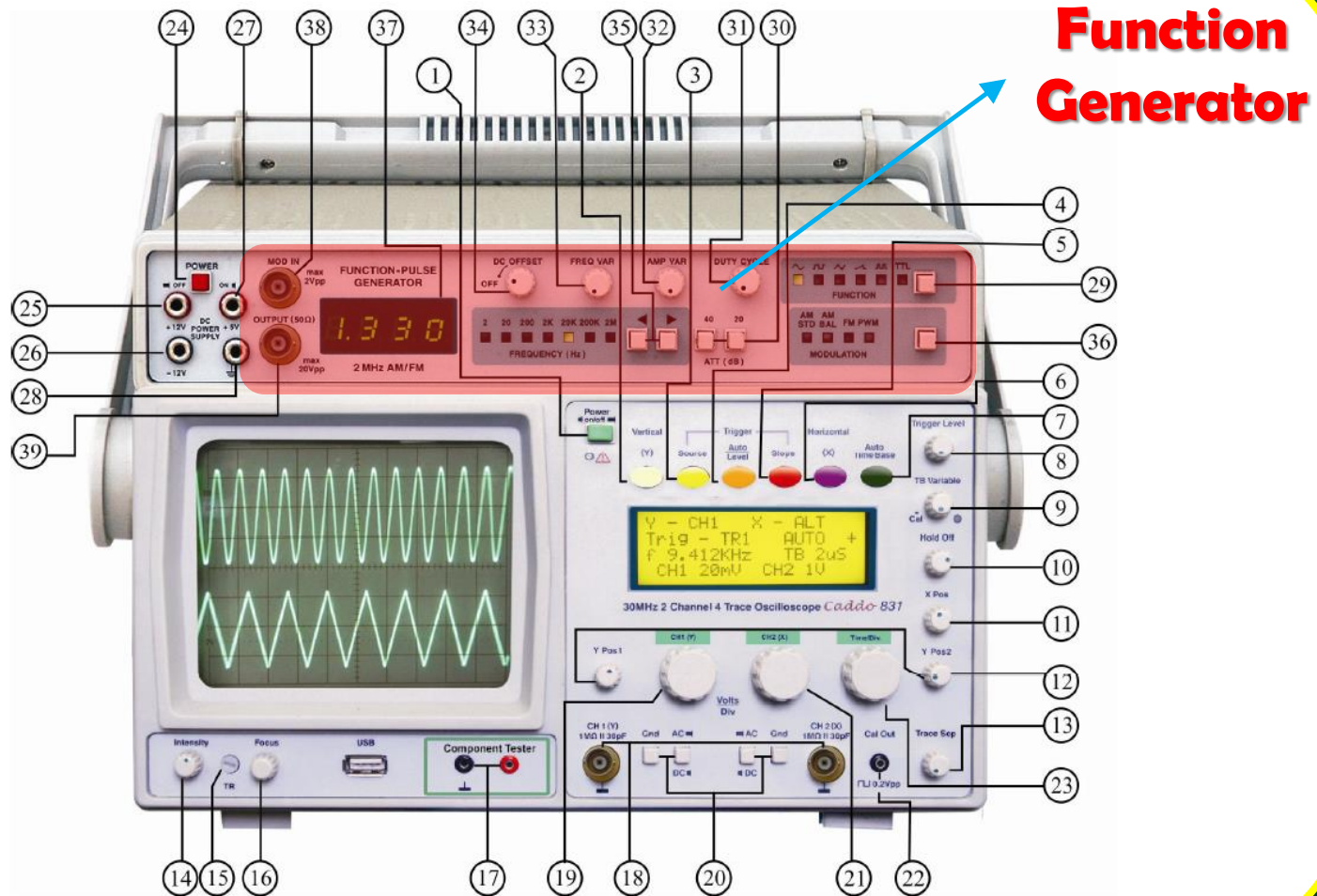
Components

- **Diodes (general purpose diodes (2), Zener diode (1)), Resistances (100 Ω , 100 K Ω), and Capacitors (10 μ F, 100 μ F (2)).**
- **Breadboard**
- **Connecting wires**

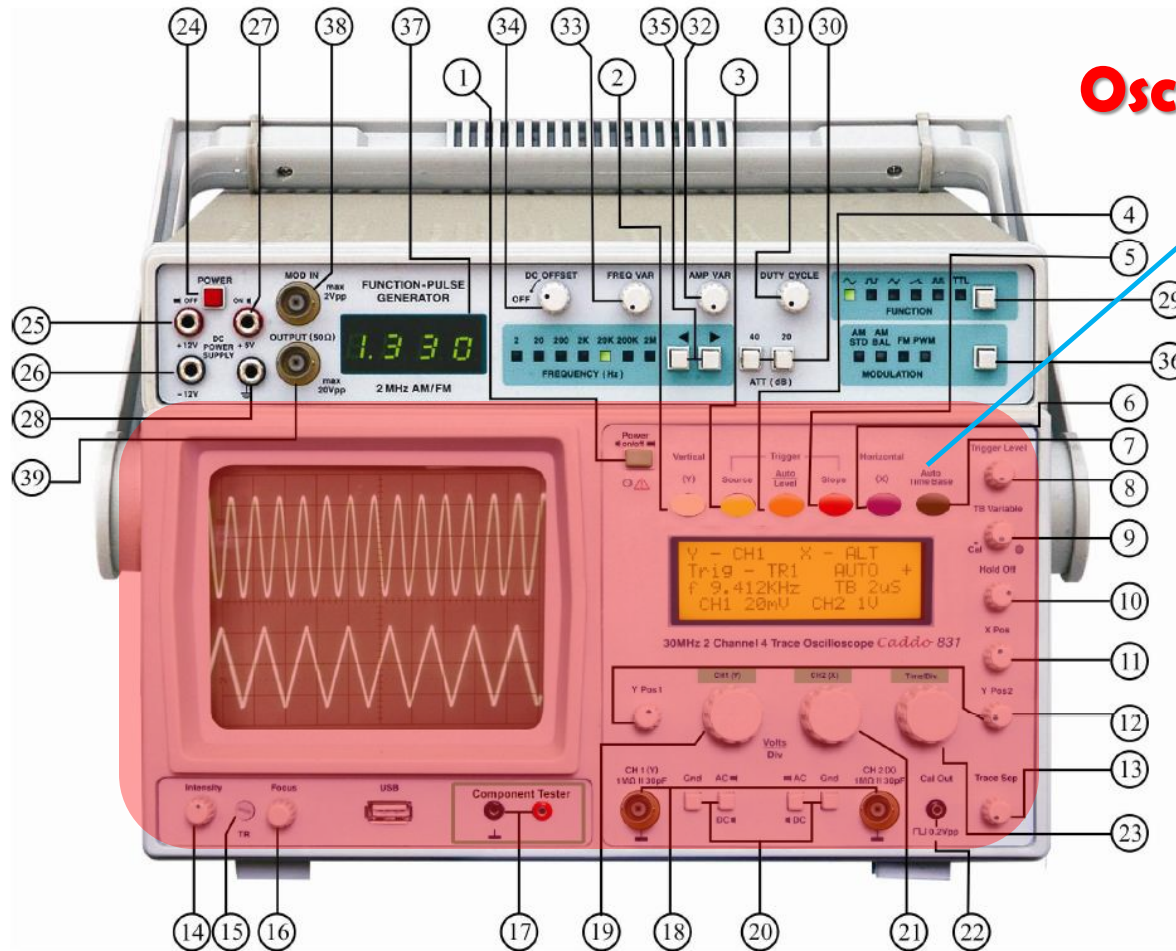
Equipment

- **Function Generator**
- **CRO for input and output measurements.**

Oscilloscope

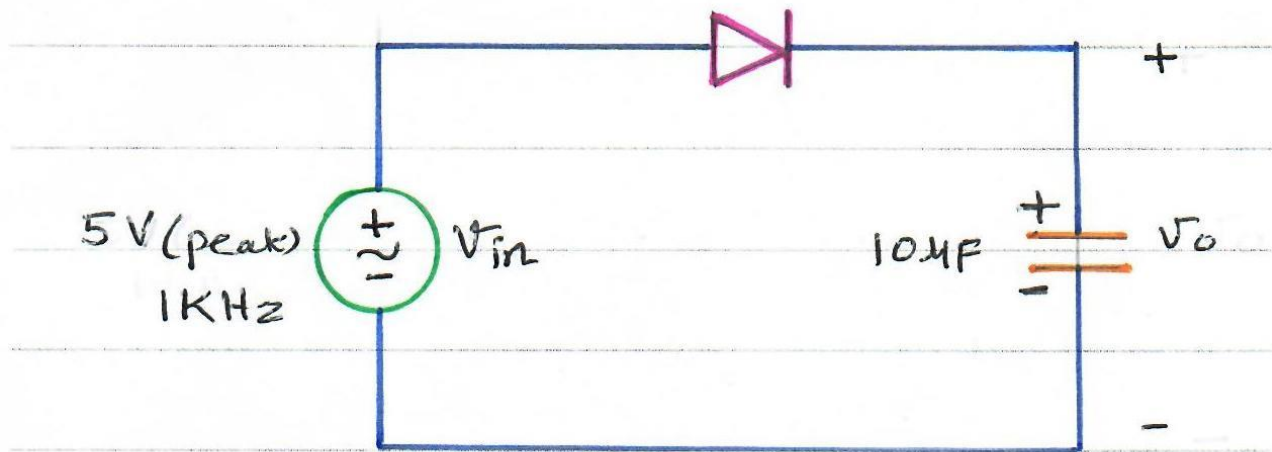


Oscilloscope

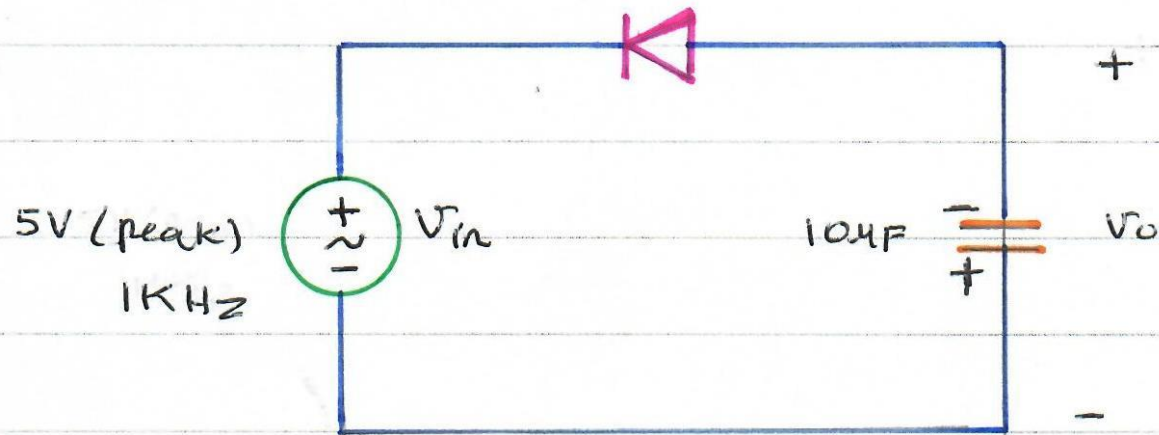


Oscilloscope

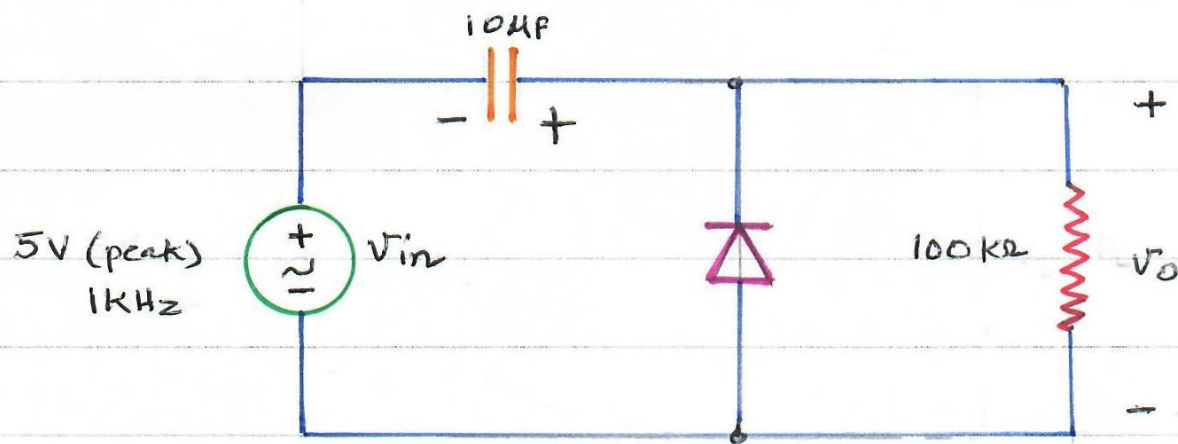
Peak Detector-1



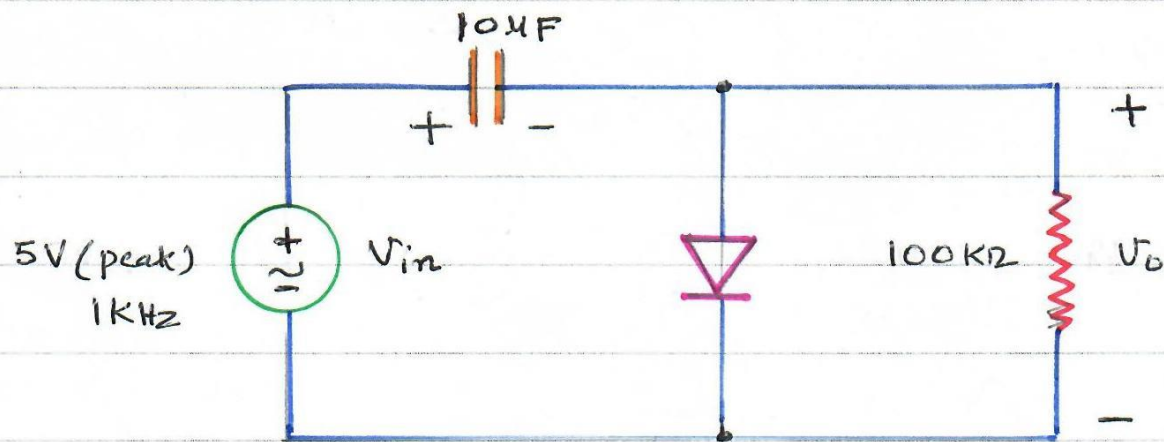
Peak Detector-2



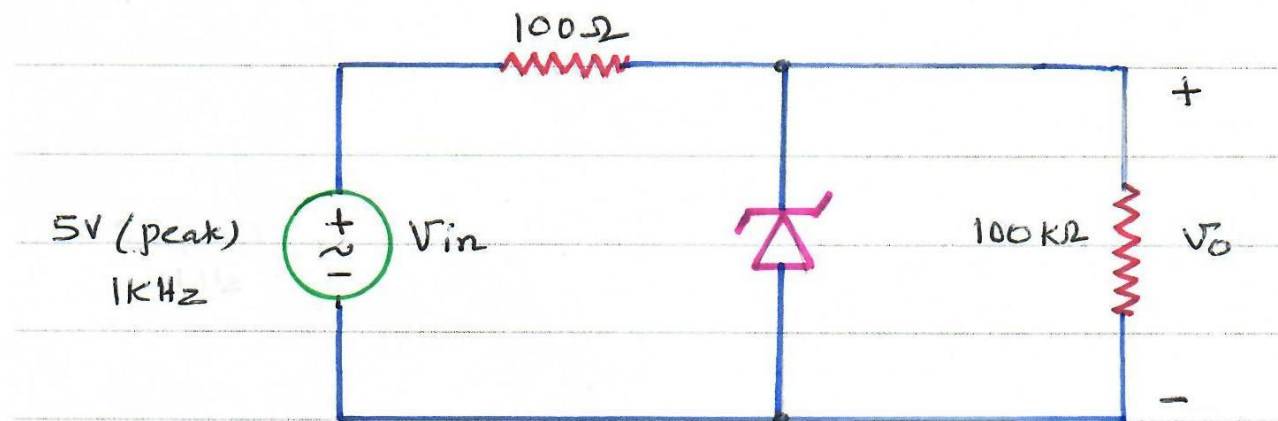
Clamper-1



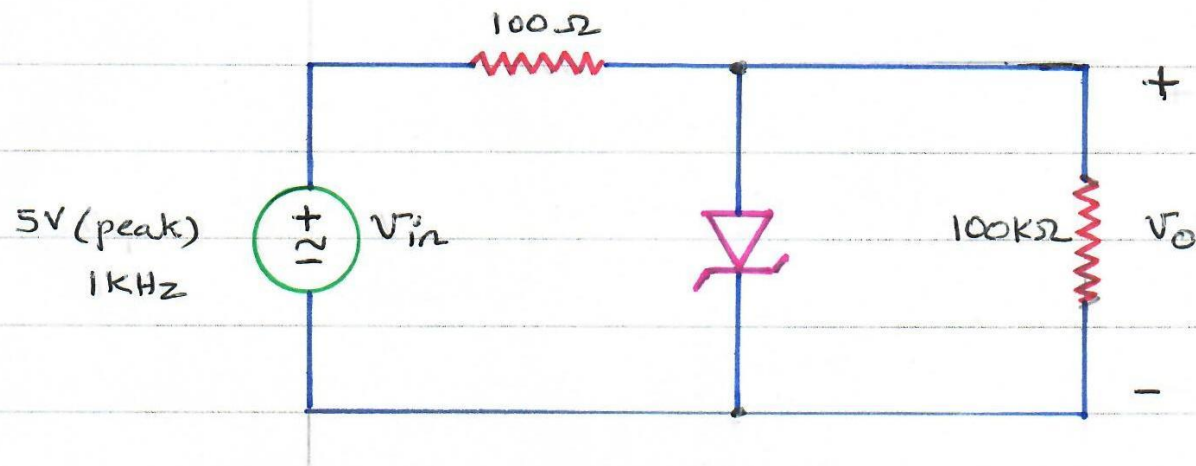
Clamper-2



Clipper-1



Clipper-2



Voltage Doubler

