

Characteristics & Applications

ME 534 SCR Characteristics Apparatus

Objective : Plot anode current vs anode cathode voltage characteristics, gate characteristics (open gate and gate connected)

Technical Specifications :

Output voltages (Regulated) : 0-30V DC, 0-1.2V DC
Meters (Analog) 65mm Round : 0-1.2V/30V (Dual Range)
0-200uADC, 0-1.2/30mA (Dual Range)

Housed in ABS cabinet, symbol diagram printed, connections of SCR (2P4M) & all important outputs brought out at Bakelite front Panel. Also provided with patch chords & instruction manual

ME 534D – do– same as ME 534 but with Aluminum Panel, Analog Rectangular deluxe meters (60x35mm) & detachable power chord.



ME 534P – do– same as ME 534 but with Aluminum Panel, 3.5 digit LED digital panel meters & detachable power chord.

ME 535 FET Characteristics Apparatus

Objective : Plot static & transfer characteristics.

Technical Specifications :

Output voltages (Regulated) : 0-5V DC, 0-20V DC
Meters (Analog) 65mm Round : 0-5V DC, 0-20V DC, 0-10mADC
Housed in ABS cabinet, symbol diagram printed, connections of FET (BFW10 or Equivalent) & all important outputs brought out at Bakelite front panel.

Also provided with patch chords & instruction manual.

ME 535D – do– same as ME 535 but with Aluminum Panel, Analog Rectangular deluxe meters (60x35mm) & detachable power chord.



ME 535P – do– same as ME 535 but with Aluminum Panel, 3.5 digit LED digital panel meters & detachable power chord.

ME 536 Microphone and Loudspeaker Characteristics Apparatus

Objective : Plot frequency response characteristics of Microphone and Loudspeaker.

Technical Specifications :

dB Meter Range : 40-80dB, 80-120dB

Housed in ABS cabinet, symbol diagram printed, 9V Power supply connected internally, Loudspeaker of 8.0 ohm, Capacitance Microphone & all important outputs brought out at Bakelite front Panel. Also provided with patch chords & instruction manual

ME 537 Tunnel Diode Characteristics Apparatus

Objective : To Plot V-I characteristic & resistance characteristic of Tunnel Diode in forward bias

Technical Specifications :

Output voltage (Regulated) : 5V DC

Digital Voltmeter : 2000mV DC (2 No's.)

Housed in ABS cabinet, symbol diagram printed, connections of various components (Potentiometer, Tunnel diode 1N 3717) & all Important outputs brought out at Bakelite front panel.

Also provided with patch chords & instruction manual.

ME 539 PN Junction Diode Characteristics Apparatus

Objective : Forward & Reverse bias V-I char. of PN Junction Diode.



Technical Specifications :

Output voltage (Regulated) : 0-3V/30V DC (Selectable)

Meters (Analog) 65mm round : 0-3V/30V DC (Dual Range),
0-100uA/10mADC (Dual Range)

Housed in ABS cabinet, symbol diagram printed, connections of various components (PN Junction Diode OA79-2 No's) & all Important outputs brought out at Bakelite front panel. Also provided with patch chords & instruction manual.

ME 539D – do– same as ME 539 but with Aluminum Panel, Analog Rectangular deluxe meters (60x35mm) & detachable power chord.

ME 539P – do– same as ME 539 but with Aluminum Panel, 3.5 digit LED digital panel meters & detachable power chord.