



Technical Specifications

Power Supply

- **Input Voltage:** 230 V AC / 115 V AC (110 V AC)
- **Frequency:** 50 ... 60 Hz
- **Power Consumption:** approx. 40 VA
- **Built-in Power Supply Outputs:**
 - ± 15 V; 0.2 A (for external equipment)
 - ± 10 V; 0.1 A (for internal reference voltage)
 - Short-circuit-proof and stabilized

Key Features

- Solder-free circuit construction using 2 mm sockets
- Extendable with IC BOARD for commercial components
- Integrated 2 mm to 4 mm adapters for measurement and auxiliary devices
- Quick setup time and protected against faulty connection
- Suitable for analog, hybrid, and control engineering experiments
- Clear front panel with function block symbols
- Can be used standalone or in a demonstration rack/box setup

Integrated Functional Components

- **5 Potentiometers:** 100 k Ω , 10 k Ω , 1 k Ω (0.25 W)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- **6 Diodes:** 1N4148
- **3 Zener Diodes:** ZPD 4.7 and ZPD 6.2
- **2 Level Converters:** ± 15 V to +5 V
- **6 Operational Amplifiers** with R and RC networks
- **1 Integrator (fully circuited)**
- **2 Squaring Networks**
- **1 Multiplier**
- **3 Transistors:** BC 140 with protective and operating resistors
- **1 Squarewave Signal Generator:** 100 Hz, 50 Hz, 10 Hz, 2 Hz, 1 Hz
- **1 Dual Counter:** For DA/AD conversion, with 4 LEDs and AND-input (pulse gate)
- **2 R-2R Networks**

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