Short-Instruction-Manual
Power Supply

Model : PS32LAB

Power Switch  unit works, when red LED indication light is on

Ampere Regulator  turn right for higher Amperes

Voltage Regulator  turn right for higher Voltages

Safety inline jacks  
black  = negative (−) Potential
red  = positive (+) Potential
gm  = ground

Caution  before using, please take care that the voltage and polarity is correct - wrong polarity can damage the unit and the connected instruments

Fuse  replace defective fuse only by an equivalent type
Specifications

Protection grade

Input 110V AC 60 Hz

Output 0-30 V DC, 5 A adjustable

Fine adjustment 4-V

Ripple Voltage 5mVss

Load-regulation 1% 20-30V
               1/5% 10-20V
               2% 0-10V

Voltage-regulation 1% max, input 105-120VAC
                   output at rated load

Fuse 6.5 x 32 mm / 3A

Short-circuit stability approx, 60 minutes
current limiter adjustable

Dimensions (HWD) 12 x 23 x 31 Cm

Weight 6.6 kg
Safety precautions

To ensure safe operation of the equipment and eliminate the danger of serious injury due to short-circuits (arching) the following safety precautions must be observed.

Damages resulting from failure to observe these safety precautions are exempt from any legal claims whatever.

- prior to connection of the equipment to the mains outlet, check that the available mains voltage corresponds to the voltage setting of the equipment

- connect the mains plug of the equipment only to a mains outlet with earth connection

- do not place the equipment on damp of wet surfaces

- do not subject the equipment to direct sunlight or extreme temperatures

- do not subject the equipment to extreme humidity or dampness

- replace a defective fuse only with a fuse of the original rating. Never short-circuit fuse or fuse housing

- do not exceed the maximum permissible input ratings

- conduct measuring works only in dry clothing and in rubber shoes i.e. only isolating mats

- comply with the warning labels and other info on the equipment

- check test leads and probes for faulty insulation or bare wires before connection to the equipment

- disconnect test leads or probe from the measuring circuit before switching modes or functions
• do not cover the ventilation slots of the cabinet to ensure that the air is able to circulate freely inside

• do not insert metal objects into the equipment by way of the ventilation slots

• do not place water-filled containers on the equipment (danger of short-circuit in case of knockover of the container)

• do not operate the equipment near strong magnetic fields (motors, transformer etc.)

• do not subject the equipment to shocks or strong vibrations

• keep hot soldering irons or guns away from the equipment

• allow the equipment to stabilize at room temperature before taking up measurement (important for exact measurements)

• do not modify the equipment in any way

• do not place the equipment face-down on any table or work bench to prevent damaging the controls at the front

• opening the equipment and service-and repair work must be peformed by equalified service personel. Repair work should only be performed in the presence of a second person trained to administer first aid, if needed

**Cleaning the cabinet**

Prior to cleaning the cabinet, withdraw the mains plug from the power outlet. Clean only with a damp, soft cloth and a commercially available mild household cleanser. Ensure that no water gets inside the equipment to prevent possible shorts and damage to the equipment.