

Bench top type

High voltage power supply

EQ Series 10 to 30kV 30W

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1084-01A



FEATURES

- Ultra compact and easy operation
- High power of 30W
- Voltage and current digital meter

SUMMARY

EQ series is an ultra compact versatile high voltage power supply with output voltage and current meters.

Its compactness and light weight enable to carry lab to lab, and place anywhere.

Ideal supply for quick testing.

SPECIFICATIONS

Input voltage	115Vac \pm 10%, 50-60Hz, 1 \emptyset 0.5A typ
Output voltage control	Local: Front panel 10-turn potentiometer Remote: External control voltage 0 to 5V
Voltage Regulation	Line : 0.01% of max voltage for \pm 10% input line change Load : 0.01% of max voltage for full load change
Stability	100ppm/hr
Temperature coef.	80ppm/ $^{\circ}$ C
Metering	Output voltage: 3-digit (accuracy 2% F.S \pm 1dgt) Output current: 3-digit (accuracy 2% F.S \pm 1dgt)
Monitors	Output voltage monitor: 10V/ rated voltage (accuracy 2% F.S) Output current monitor: 10V/ rated current (accuracy 2% F.S)
Function	HV ON/OFF with external switch (LS)
Protection	Over voltage (Cut off at 105% of rated output) Over current (Current limit with automatic crossover) Arc and short circuit
Temperature	Operating : 0 to + 50 $^{\circ}$ C Storage : -20 to + 60 $^{\circ}$ C
Accessory	AC input cable with 3pin plug (8.2ft, 2.5m length) (Flying lead for model with L(230V) option) Shielded HV output cable (8.2ft, 2.5m length) Instruction manual

*Specifications are at the maximum output after a warm-up period.

DIMENSIONS inch (mm)

2.75(70)W \times 4.88(124)H \times 13.8(350)D

LINE UP

MODEL	Ripple (%p-p)	Output voltage (kV)	Output current (mA)	Output power (W)
EQ-10*3	0.08	0 to 10	3	30
EQ-30*1	0.08	0 to 30	1	30

*P: positive N: negative

OPTIONS

- LG** GPIB, RS-232C, RS-485, USB
- LCt** Limit the current by output cutting off
- L(230V)** Input Voltage AC 230V \pm 10%