

# AC/DC Current Probe



**2mA/1MHz**

**1mA/1.5MHz**

**High Sensitivity!**

## PA-677

DC~1MHz / 2mA~70ADC, 140Ap-p

- Max.  $\pm 70$ ADC/140Ap-p
- Sensitivity:  $\geq 2$ mA
- Bandwidth: DC~1MHz
- Rise Time: 0.35 $\mu$ S
- Over Range Function
- 50mV/A, 500mV/A Range
- Adaptor/Battery Input
- Separating Design,
- Convenient Durable

## PA-699

DC~1.5MHz / 1mA~40ADC, 80Ap-p

- Max.  $\pm 40$ ADC/80Ap-p
- Sensitivity:  $\geq 1$ mA
- Bandwidth: DC~1.5MHz
- Rise Time: 0.23 $\mu$ S
- Over Range Function
- 1V/A, 0.1V/A Range
- Adaptor/Battery Input
- Separating Design
- Convenient Durable

## ACCESSORIES

**ADAPTER** (ADP-110/115/230  
DC 9V/300mA)



**BP-250**



**BP-246N** (Connect to DMM)



# AC/DC Current Probe

## PA-655

DC~500KHz;  $\geq 5mA$

- Max.  $\pm 50A$  DC
- Resolution:  $\geq 5mA$
- Bandwidth: DC~500KHz
- Rise Time: 0.7us
- Over Range Function.
- 20mV/A, 200mV/A Range.
- Adaptor/Battery Input.
- Separating Design, Convenient Durable.

5mA/500KHz



## PA-622

DC~300KHz;  $\geq 10mA$

- Max.  $\pm 100A$  DC
- Resolution:  $\geq 10mA$
- Bandwidth: DC~300KHz
- Rise Time: 1.2us
- Over Range Function.
- 10mV/A, 100mV/A Range.
- Adaptor/Battery Input.
- Separating Design, Convenient Durable.

10mA/300KHz



Low Noise!

## ACCESSORIES

**ADAPTER** (ADP-110/115/230  
DC 9V/300mA)



**BP-250**



**BP-246N** (Connect to DMM)



# High Voltage Amplifier

800 Vp-p  
±100mA



## HA-805

(800Vp-p / 100mA) (High Power Model)

- Max. Output Voltage : 800Vp-p (±400V)
- Bandwidth : DC~300KHz(400Vp-p)
- Output Current : ≤ 100mA
- Offset: ≤ 0~ ±400V DC(10 Turn VR)
- Voltage Gain : ≤ 0~180(10 Turn VR)
- Slew Rate(typ): 300V/us
- Output Protection Switch(7.5KΩ/80Watt)
- Microprocess Control Protection.

800 Vp-p  
±35mA



## HA-800

(800Vp-p / 35mA)

- Max. Output Voltage : 800Vp-p (±400V)
- Bandwidth : DC~200KHz(400Vp-p)
- Max Output Current : 35mA
- Offset: ≤ 0~ ±400V DC(10 Turn VR)
- Voltage Gain : ≤ 0~180(10 Turn VR)
- Slew Rate(typ): 200V/us
- Output Protection Switch(15KΩ/40Watt)
- Microprocess Control Protection.

### ACCESSORIES

#### BP-250(x 2pcs)



BNC Plug to BNC Plug  
(50Ω RG58C UL, 100 cm)

#### BP-253N



Banana Plug to  
Alligator Clip

# High Voltage Amplifier

400 Vp-p  
±200mA

## HA-405

(400Vp-p / 200mA)(High Power High Bandwidth)

- Max. Output Voltage : 400Vp-p (±200V)
- Bandwidth : DC~1MHz(200Vp-p)
- Output Current : ≤200mA
- Offset: ≤0~±200V DC(10 Turn VR)
- Voltage Gain : ≤0~90(10 Turn VR)
- Slew Rate(typ): 500V/us
- Output Protection Switch(2KΩ/80 Watt)
- Microprocess Control Protection.



400 Vp-p  
±80mA

## HA-400

(400Vp-p / 80mA)

- Max. Output Voltage : 400Vp-p (±200V)
- Bandwidth : DC~600KHz(200Vp-p)
- Max Output Current : 80mA
- Offset: ≤0~±200V DC(10 Turn VR)
- Voltage Gain : ≤0~90(10 Turn VR)
- Slew Rate(typ): 300V/us
- Output Protection Switch.



### ACCESSORIES

#### BP-250(x 2pcs)



BNC Plug to BNC Plug  
(50Ω RG58C UL, 100 cm)

#### BP-253N



Banana Plug to  
Alligator Clip

# High Voltage Amplifier

**170 Vp-p  
±450mA**

## HA-205

*(170Vp-p/450mA, High Speed Model)*

- Very High Speed: 2500V/us
- High Current Output:  
450mA DC, 900mA ACp-p
- Voltage Output: 170Vp-p
- Offset: ±80V(10 Turn VR)
- Voltage Gain: 0~35(10 Turn VR)
- Bandwidth: DC~3MHz(100Vp-p)
- Microprocess Control Protection

★ **Very High Speed Model !**

## APPLICATION

- Function Generator Amplifier  
函數波形產生器波幅放大
- High Voltage Power Supply(≤27mA/ ±400V DC)  
高壓電源供應器(≤27mA/ ±400V DC)
- Semiconductor High Voltage Driver  
半導體高壓驅動
- TFT Field High Voltage Driver  
TFT 產業高壓驅動
- High Voltage Engineering / 各種高壓工程
- MEMS Engineering / 微機電工程
- Nano Technology / 奈米科技
- PZT Driver / 壓電材料驅動
- Static Charge Engineering / 靜電科技工程
- Biomedical Engineering / 生醫檢測工程

# High Precision LCR Meter



## LCR-900

(100 Hz to 100KHz [ 5 Range ])

- Dual LCD Display.
- Capacitance, Resistance, Impedance, Inductance, Quality Factor, Dissipation Factor Phase Angle.
- Auto Detect Function.
- Open Circuit/Short Circuit Compassion.
- Operation Frequency 100Hz to 100KHz.
- Basic Accuracy: 0.3%
- Measurement Voltage Fixed at 0.6Vrms.

**100KHz  
With USB  
Interface**

## ACCESSORIES

### RP-91 TEST LEAD

- Using On Bench Type LCR Meter.
- Compatible On All Brands Bench Type LCR Meter.
- 4-Wire Leads Compensate Internal Impedance Error.



4 Wires Alligator Clip

# DC Power Supply

4 digits  
4 display!



## PW-4033

### 200W WITH HIGH RESOLUTION DISPLAY

- 4 digits LED, 4 display.
- 10 mV, 1mA Resolution.
- 30V/3Ax2+5V/3A Triple output.
- Tracking operation.
- 10 Turn VRx4, Easy operation.

## PW-4032

### 100W WITH HIGH RESOLUTION DISPLAY

- 4 digits LED, 2 display.
- 10 mV, 1mA Resolution.
- 30V/3A+5V/3A Dual output.
- 10 Turn VRx2, Easy operation.

High  
Resolution!



Toroidal  
Transformer!



## PW-3033R

### 200W WITH TOROIDAL TRANSFORMER

- 30V/3A+30V/3A+5V/3A Triple output.
- Tracking operation.
- <0.3mVrms Ripple & Noise(C.V.)
- <2mArms Ripple & Noise(C.C.)
- Low EMI & High EMS.
- 4 Display.

**4 Display  
Triple Out!**

## PW-3033

**200W DC POWER SUPPLY**

- 30V/3A+30V/3A+5V/3A Triple output.
- Tracking operation.
- <0.5mVrms Ripple & Noise(C.V.)
- <3mArms Ripple & Noise(C.C.)
- 4 Display.



**Toroidal  
Transformer!**



## PW-3032R

**100W DC P.S. WITH TOROIDAL TRANSFORMER**

- 30V/3A+5V/3A Dual output.
- <0.3mVrms Ripple & Noise(C.V.)
- <2mArms Ripple & Noise(C.C.)
- Low EMI & High EMS.
- Dual display.

## PW-3032

**100W DC POWER SUPPLY**

- 30V/3A+5V/3A Dual output.
- <0.5mVrms Ripple & Noise(C.V.)
- <3mArms Ripple & Noise(C.C.)
- Dual display.

**★ Economic Model!**







**200 WATT**  
**4 digits**

## **PW-8033P**

**DC 0~32V / 0~3Ax2; Fix 5V/3A**

- DC 0~32V / 0~3A X 2 + Fix 5V/3A
- Triple Output 200 VA High Power
- 4 Digits, 4 Display
- Programable Control, 9 Memory
- Built In USB Interface
- Series 0~64V / 0~3A Operation



## **PW-7033**

**DC 0~32V / 0~3Ax2; Fix 5V/3A**

- 0~32V / 0~3A x2, Fixed 5V / 3A Output
- 3 Digits, 4 Display
- Voltage Resolution 0.1 V / Green LED
- Current Resolution 0.01A / Red LED
- Tracking Operation:
- Series:  
0~64V / 0~3A or +32V ~-32V /  
0~3A Symmetric Output
- Parallel: 0~32V / 0~6A

## **ACCESSORIES**

### **BP-253N BANANA PLUG TO ALLIGATOR CLIP**

- Silicone Wire 100cm
- UI3239, 18AWG
- 6 KV DC, 10A, 150°C



BP-253N