

# Digital Storage Scope



## Specification Table

Bandwidth	60 MHz
Rise Time	≤5.8 ns
Sample Range	500 MS / s
Vertical Sensitivity	2 mV to 5 V / div
Maximum Record Length	1,024 k
Sample Rate	Real time 500 MS / s, Equivalent : 25 GS / s
Scan Time Base	5 ns to 50 s / div
Trigger Type	Edge, Pulse, Video and Alternate
Automatic Waveform Measurements	28
Ports	Standard : USB Device USBHost : RS-232C Optional : LAN
Mathematics	Add, Subtract, Multiply, Divide, Reverse and FFT
Applications	College Education, R and D, Electronic Product Assemble Line, Industrial Control etc
Display	64 k, Full Colour LCD 320 × 240

## General Characteristics

Power	100 - 240 V <sub>rms</sub> ac, 45 Hz - 440 Hz, CATII
LCD Size	Diagonal 145 mm (5.7 inches)
Colour	Red and Grey, White and Grey
Size	320 mm (wide) × 150 mm (high) × 130 mm (deep)
Standard Accessories	Probe × 2 (1x, 10x Switchable; Optional Purchase; 100x probe), Power Cord and English Manual

## Part Number Table

Description	Part Number
Digital Storage Scope, 60 MHz, 2 CH	72-8230

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. TENMA™ is the registered trademark of the Group. © Premier Farnell plc 2012.

# Power Supply Unit Bench



## Features:

- Complete digital control
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current mode
- OCP and OVP settings, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function

## Specification Table:

Voltage Range	0 to 30V	
Current Range	0 to 3A	
Load Regulation	Voltage : $\leq 0.01\% + 2\text{mV}$	Current : $\leq 0.1\% + 5\text{mA}$
Line Regulation	Voltage : $\leq 0.01\% + 3\text{mV}$	Current : $\leq 0.1\% + 3\text{mA}$
Setup Resolution	Voltage : 10mV	Current : 1mA
Setup Accuracy (25°C $\pm 5^\circ\text{C}$ )	Voltage : $\leq 0.5\% + 20\text{mV}$	Current : $\leq 0.5\% + 5\text{mA}$
Ripple (20Hz to 20MHz)	Voltage : $\leq 1\text{mVrms}$	Current : $\leq 3\text{mA}_{\text{rms}}$
Temp. Coefficient	Voltage : $\leq 100\text{ppm} + 10\text{mV}$	Current : $\leq 100\text{ppm} + 5\text{mA}$
Read Back Accuracy	Voltage : 10mV	Current : 1mA
Read Back Temp. Coefficient	Voltage : $\leq 100\text{ppm} + 10\text{mV}$	Current : $\leq 100\text{ppm} + 5\text{mA}$
Reaction Time (10% Rated load)	Voltage : $\leq 100\text{mS}$	Current : $\leq 100\text{mS}$
Operation Environment	Indoor use Altitude : $\leq 2,000\text{m}$ Ambient temp. : $0^\circ\text{C}$ to $+40^\circ\text{C}$ Relative humidity : $\leq 80\%$	
Accessories	User manual UK Power cord (1.2m) Euro Power cord (1.2m)	
Weight	3.5kg	
Dimension	110(W) $\times$ 156(H) $\times$ 260(D)	
Storage Environment	Ambient temp. : $-10^\circ\text{C}$ to $+70^\circ\text{C}$ Relative humidity : $\leq 70\%$	

## Part Number Table

Description	Part Number
PSU, Bench, Single, 3A, 30V	72-10480

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Tenma is the registered trademark of the Group. © Premier Farnell plc 2012.

