



# Float Power Systems & Controls

## **Technical Specifications** **PITE 3830**

Measuring range	V: 0.00-1000V Insulation R: 20k $\Omega$ -500M $\Omega$ (250V) 50k $\Omega$ -1000M $\Omega$ (500V) 100 k $\Omega$ -2000M $\Omega$ (1000V)
Min resolution	Voltage: 0.1V Insulation R: 0.01 M $\Omega$
Accuracy	Voltage: 1%rdg $\pm$ 8dgt Insulation R: 0.5 M $\Omega$ -100 M $\Omega$ 5%rdg $\pm$ 6dgt > 100 M $\Omega$ : 10%rdg $\pm$ 6dgt
Output signal	voltage: 0-1000V $\pm$ 10% Frequency: 1-1000Hz
Power consumption	4 hours (continuous operation)
Memory	32k $\times$ 8bit Non Volatile SRAM
Displaying screen	128 $\times$ 64 pixels LCD
Communication	USB Interface
Dimension	340 $\times$ 250 $\times$ 140mm
Humidity	80%R.H
Battery	Li-ion
Weight	3.0KG
Temperature	-5 $^{\circ}$ C-40 $^{\circ}$ C
Receiver	
Jaw opening	66mm
Sensor aperture	59mm
Power voltage	DC 8.4V
Testing accuracy	$\leq$ 0.25M $\Omega$

## **Accessories**

- a. Main unit (with carrying case)
- b. Signal Receiver
- c. 8.4V battery
- d. Battery Charger
- e. Power Adaptor
- f. Earphone
- g. 2.5 M testing lead- 2 nos.
- h. Testing alligator- 2 nos.
- i. User manual
- j. Software C.D
- k. USB Drive

For More information, please visit our website: [www.floatpowersystems.com](http://www.floatpowersystems.com)