

USB based digital dual-phase Lock-in Amplifier

- a. Input frequency: 10 mHz to 250 kHz
- b. Sensitivity 10 nV to 10 V
- c. Time constants: 10 microseconds to 5 seconds
- d. Input coupling: DC or AC with input as BNC
- e. Internal Oscillator with frequency accuracy of +/- 25 ppm
- f. Reference output amplitude 1 mV to 15 V PP
- g. Provision for external triggering by PLL
- h. Analog outputs with sampling rate 250 kHz having output voltage of -10 V to +10 V on 18 bit resolution
- i. Software with drivers for Windows operating system (XP/ Win7/ Win10)
- j. Drivers for Labview also to be supplied
- k. Atleast 2 years warranty
- l. Standard parts such as USB cable, Manual, Software, Power supply, Low-Noise BNC cable 2 m long