

## **Two Phase Heat Transfer Lab Equipment's:**

### **i. Analog Programmable DC power supply:**

Make: Scientific, Model: DCA160M5

Rated Power:1000W minimum ,Output Voltage:0 to 160V ,Current 0-7A,Autoranging  
Interface: Built-In Remote Isolated Analog Program, operation modes: Constant Voltage/Constant Current, Protection functions: UVL, FOLD (CV/CC), OCL, OTP, AC FAIL),Line regulation:5mV,Load regulation:15mV,Programing:Voltage : 0 ~ 5 V, Accuracy : 1 % of Vout rated, Input impedance : 1 MW ,Current: 0 ~ 5 V, Accuracy : 1 % of Iout rated ,Input impedance : 1 MW, Programing:Voltage : 0 ~ 5 V, Accuracy : 1 % of Vout rated



### **ii. Bi-Directional Programmable Power supply and polarity Reversal Unit**

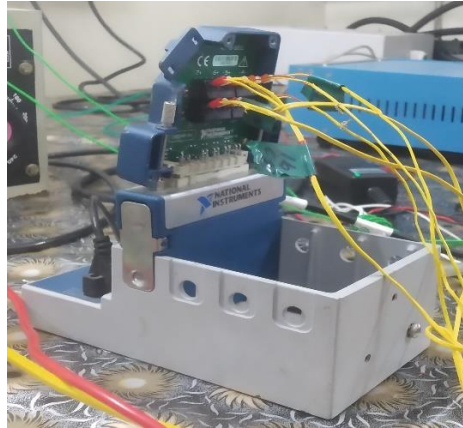
Make: ARISAATO, Model: ARISAATO-GH300-3.5

Rated Power: 1kW minimum, Output voltage : 0 to +300V/ 0 to -300V with programmable Polarity reversal switch. Current : up to 3.5A, Interface: Built-in LAN ,USB , RS-232/RS-485, Programming: High-Speed Programming via Dedicated software and LabView , Operated modes: Constant Voltage/constant current, Line regulation: 0.01% of rated output voltage, Load regulation: 0.01% of rated output voltage +2mV, Time of particular polarity condition: 1 sec to 1800sec



**iii. Data logger with LabView software:**

Make: National Instruments, Model: NI-TB-9212



**iv. Plate type Heater:**

Make: Rotek Instruments, rating:230V x10AC, Wattage:1500Watts

