

HEAT TRANSFER LAB

LIST OF INSTRUMENTS

S.No.	Item/description	Qty & Specification	Date of Purchase	Cost
1.	Motwani Multimeter	1	14/3/1980	1768
2.	Portable Thermocouple Test set cum wheat stone bridge	1	25/4/1980	3198
3.	Copper constantan wire	24 SWG thermocouple wire	9/5/1980	543
4.	Forced convection apparatus	1	3/9/1980	29584
5.	emissivity measurement apparatus	1	3/9/1980	
6.	Portable ammeter	1, accur +1%, range: 0/1/3/10/30/100A	24/10/80	515
7.	Digital thermocouple test set & calibration 7709	1, 4.5digits	12/8/80	4815
11.	100 channel sparsing & temperature indicator unit	1	25/9/81	51376
13.	(a) 3.5 digits portable digital thermometer type 7710 (b) Thermohygrometer	1	5/11/81	2793
15.	Thermostats	6, 30-110°C+/-0.5°C	8/12/81	1068
16.	Kelvinator Refrigerator (165 l) with stabilizer	1	27/2/82	5386
17.	Pumpset	3	27/2/82	2991
18.	Aeroid Barometer	1	16/3/82	728
21.	Portable dimmerstate	1, 15 DIP	19/5/82	1364
22.	Heat pipe demonstrator	1	13/8/82	13448
23.	Sunshine Recorder	1	27/3/82	6749
24.	NI Pyranometer with shading ring	1	18/4/84	9724
25.	Thermal conductivity apparatus	1	14/11/77	13850
26.	Parallel flow/ counter flow Heat Exchanger	1	14/11/77	5742
27.	Heat Transfer in natural convection	1	3/11/77	6682
29.	Thermal Radiation study bench	1	2/4/92	439703
30.	Free & forced convection heat transfer apparatus	1	3/9/92	277879
31.	Fluidized bed heat transfer unit (without computer)	1	2/12/94	268140
32.	Computers	2	5/10/18	84028
33.	Computerized two phase heat transfer unit	1	29/7/19	474600
	Computerized drop wise -film wise condenser unit	1	29/7/19	
	Non contact infrared thermometers	2	29/7/19	
34.	Dehumidifier desiccant type	01 FFB-300	14/01/17	176290
35.	Desiccant Rotor	02 FFB -300	28/02/17	91632
36.	Grain moisture meter with thermometer and thermo hygrometer	01	07/03/19	10301