

## CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY RAIPUR (C.G.)

### Description of Measuring Instrument for Plastics Testing Lab

SI. No	Name of the Measuring Instrument	Make/Model /type	Range/ Accuracy	Least Count	Qty.	Amount Rs.
1	Pi tape (outside Diameter tape stainless steel)	Model-7161ESCONDIDOCA92029 USA	15-50mm	0.01mm	1	
2	Pi tape (outside Diameter tape stainless steel)	Model-716 ESCONDIDOCA92029	28-200mm	0.01mm	1	
3	Pi tape (outside Diameter tape stainless steel)	Model-716 ESCONDIDOCA92029	50-300mm	0.01mm	1	
4	Vernier caliper (metric/inch)	Mitutoyo Japan532-121	0-300mm	0.02mm	1	
5	Vernier caliper (Digital)	Mitutoyo Japan500-445	0-200mm	0.01mm	1	
6	Vernier caliper (metric/inch)	Mitutoyo Japan532-119	0-150mm	0.02mm	1	
7	Vernier caliper (metric/inch)	Mitutoyo Japan160-153	0-600mm	0.02mm	1	
8	Vernier caliper Long Jaw (metric/inch)	Mitutoyo Japan534-103	0-750mm	0.05mm	1	
9	Hydrometer (Specific gravity)	Lemico	0.900-0.950	0.0001	1	
10	Hydrometer (Specific gravity)	Lemico	0.905-1.000		1	
11	Hydrometer (Specific gravity)	Lemico	1.000-1.100		1	
12	Hydrometer (Digital) wall mounting [Thermo hydrometer clock] Temperature Humidity	KM918A	10-60 <sup>0</sup> c 20-85%	0.1 <sup>0</sup> c	1	