

Edison Electrical Works

Phone : 00 91 4144 - 230483 230693 230763

Manalur Keerapalayam 608 602

Fax : 00 91 4144 - 230443

Chidambaram Tk. Cuddalore Dist.

e-mail : edison@edison.co.in

Tamil Nadu INDIA

Website : www.edison.co.in

TESTING AND MEASURING INSTRUMENTS

I. ELECTRICAL :

Equipment	Make	Model	Range
Surge Comparison Tester	Baker (Germany)	DS 230	0 – 30 KV
	Baker (Germany)	ST 215 R	0 – 15 KV
	Baker (Germany)	ST 212 R	0 – 12 KV
AC HV Kit	AE (India)	BDT	0 – 100 KV, 150 mA
	SEV (India)	SEV-EEW	0 – 36 KV, 6 A
	EMF (India)	EMF-30/5	0 – 30 KV, 5 A
	EMF (India)	EMF-10/0.1	0 – 10 KV, 100 mA
DC HV Kit	Phenix (USA)	4120-5	0 – 120 KV, 5 mA
Liquid Dielectric Test Kit	Phenix (USA)	LD 60	0 – 60 KV
Tan Delta Kit (Manual)	L&T-Tettex (India)	2805 / 5281	0 – 10 KV, 100 mA
Tan Delta Kit (Automatic)	Eitel (India)	ACTS - 12 K	0 – 12 KV, 0.6 μF, 2 A
Partial Discharge (PD) Kit	Pdtech Switzerland	Micamaxx	4 Channel
Megohm Meter (Motor)	Thorn-EMI (UK)	SH Series 1	1 – 5 KV, 500,000 MΩ
Megohm Meter (Digital)	Kyoritsu (Japan)	3124	1 – 10 KV, 100 GΩ
	Kyoritsu (Japan)	3121	2.5 KV, 100,000 MΩ
	Kyoritsu (Japan)	3007	0.25 / 0.5 / 1 KV, 2000 MΩ
	Fluke (USA)	1520	0.25 / 0.5 / 1 KV, 4000 MΩ
	Fluke (USA)	1550 B	0.25 / 0.5 / 2.5 / 5 KV, 1 TΩ
Megohm Meter (Hand)	Hitachi (Japan)	E 17	2.5 KV, 5000 MΩ
Digital Micro-ohm Meter	Thorn-EMI (UK)	D 201	1 $\mu\Omega$ – 60 Ω
Custom built Power meter	ICD (India)		PF – 0.00 Lag to Unity With 0.001 Accuracy
Power Quality Analyzer	Fluke (USA)	434	DC, 1 to 50th Harmonics
Auto Transformer	AE (India)		3 Φ, 0 – 470 V, 300 A
	AE (India)		1 Φ, 0 – 470 V, 200 A
	AE (India)	40 D – 2 TM 15	1 Φ, 0 – 470 V, 40 A
	AE (India)	28 D – 3 P	3 Φ, 0 – 470 V, 28 A
DC Source	EMF (India)		48 V, 3000 A
Potential Transformer	Kappa (India)		3 Φ, 11000 / 110 V
Current Transformer	AE (India)		1000/5 A to 50/5 A
Digital Multimeter	Fluke (USA)	112	300 mV – 600 V rms
	Rish (India)	14S	1000 V
Clamp On Digital Meter	Fluke (USA)	325	400 A AC
	Meco (India)	3600 ACDC	1000 Amps AC/DC
Anemometer	Lutron (Taiwan)	AM 4201	1.4 – 108 Kmph
Sound Level Meter	Extech (USA)	407768	30 – 130 dB, 0.1 dB accuracy
Oscilloscope	Philips (India)	PM 3055	DC to 60 Mhz DC coupled

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II. MECHANICAL :

	RANGE
01. MITUTOYO (JAPAN) make Outside Micrometers	Up to 2000 mm
02. MITUTOYO (JAPAN) make Inside Micrometers	Up to 5000 mm
03. MITUTOYO (JAPAN) make Dial Calipers	Up to 400 mm
04. MITUTOYO (JAPAN) make Digital Vernier	0 – 1000 mm
05. MITUTOYO (JAPAN) make Digital Vernier	0 – 600 mm
06. MITUTOYO (JAPAN) make Digital Outside Micrometer	0 – 300 mm
07. MITUTOYO (JAPAN) make Dial Gauges	One micron accuracy
08. MITUTOYO (JAPAN) make Cylinder Gauges	Up to 300 mm
09. MITUTOYO (JAPAN) make Telescoping Gauges	Up to 200 mm
10. MITUTOYO (JAPAN) make Depth Verniers	Up to 500 mm
11. MITUTOYO (JAPAN) make Radius Gauges	Up to 100 mm
12. GMT (India) make, Grade - I, Surface Plates	2000 x 1000 mm
13. GMT (India) make, Grade - I, Surface Plates	630 x 630 mm
14. GMT (India) make, Grade - I, Straight Edge	75 x 200 x 1500 mm
15. GMT (India) make, Grade - I, Angle Plate	900 x 600 x 700 mm
16. Britool (UK) make Torque Wrenches	Up to 800 lb-ft
17. VMI (Sweden) make, Portable Balancing & Vibration Analysing Equipment	

and all other important tool room kits.