



# NIPPEN ELECTRICAL INSTRUMENTS CO.

PRICE LIST (w.e.f. from 1-04-2012)

## DIGITAL METERS – DM SERIES

➤ Digital (1 Ø & 3 Ø) Ammeter, Voltmeter – DM-A & DM-V

Display: 4 Digit LED 12.5mm. Size : 96 X 96 mm (Depth 52mm), 48X96 mm (Depth 50 mm) Panel Cut out 90 X 90 mm, 44X90 mm, Auxiliary Supply: 230 V AC (Normal). ACC: 1.0% of FSD.

MODEL	DESCRIPTION	Rate Rs.
DM-V-1	Voltmeter AC or DC 0-200mV, 2V, 20V, 200V, 750V	650.00
DM-V-3	Voltmeter AC 3Ph (Inbuilt Selector Switch) 500V	1030.00
DM-A-1	Ammeter AC or DC 0-2mA, 20mA, 200mA, 2A, 20A or 5-5000A	650.00
DM-A-3	Ammeter AC 3Ph (Inbuilt Selector Switch) 5-5000A	1250.00

➤ DIGITAL FREQUENCY – (DM-F)

Digital: 4 Digit LED, 12.5mm, Size: 96X96mm, 96X48mm, Auxiliary Supply: 230V AC (Normal), ACC: 0.2% of FSD

MODEL	DESCRIPTION	Rate Rs.
DM-F-1	Frequency Hz Range: 20-99.9Hz/110V or 230V or 440V	800.00

➤ DIGITAL WATTMETER – (DM-W)

Display: 4 Digit LED 12.5mm, Size: 96X96mm Panel Cutout 90X90mm, Auxiliary Supply: 230V AC, ACC: 1.0% of FSD

MODEL	DESCRIPTION	Rate Rs.
DM-W-11	Single Phase Single Element Current 5A or 1A Voltage 110V or 230V or 440V	2300.00
DM-W-33	Three Phase Double Element 3 Wire Current 5A or 1A Voltage 110V or 230V or 440V	2600.00
DM-W-34	Three Phase Three Element 4 Wire Current 5A or 1A Voltage 110V or 230V or 440V	2950.00

➤ DIGITAL POWER FACTOR METER – (DM-PF)

Display: 4 Digit LED 12.5mm, Size: 96X96 mm Auxiliary Supply: 230VAC ACC: 1.0% of FSD, Range: 0.5 IND UNITY 0.5 CAP

MODEL	DESCRIPTION	Rate Rs.
DM-PF-11	Single Phase Single Element Current 5A or 1 A voltage 110V or 230V or 440V	2500.00
DM-PF-31	Three Phase Single Element Balance load 1A or 5A /110V or 440V	2900.00
DM-PF-33	Three Phase Double Element 3 wire Current 5A or 1A voltage 110V or 230V or 400V	2950.00
DM-PF-34	Three Phase Three Element 4 wire current 5 A or 1 A Voltage 110V or 230V or 440V	3300.00

➤ DIGITAL VAR METER – (DM-VAR)

MODEL	DESCRIPTION	Rate Rs.
DM-VAR-33	Three Phase Double Element 3 wire Current 5 A or 1A Voltage 110V or 230 V or 400 V	3500.00

➤ High Voltage Digital Insulation tester (Megger)

MODEL	DESCRIPTION	Rate Rs.
HV50200	Ranges 500V DC/10G Ohms, 1000VDC/50Gohms, 2500VDC/100 G ohms 5000VDC/200G ohms	Rs.14400.00
HV2520	Ranges 500V DC/10G Ohms, 1000VDC/50Gohms, 2500VDC/100 G ohms	Rs.6900.00

➤ Digital Earth Leakage Relay

MODEL	DESCRIPTION	Rate Rs.
ELR 96 /ELR DIN	Digital Earth Leakage Relay 96x96mm/Chanel Mounting	Rs.1400.00
CBCT 35	CBCT 35 mm ID	Rs.500.00
CBCT 70	CBCT 70 mm ID	Rs.700.00
CBCT 120	CBCT 120mm ID	Rs.1300.00

Note : 1.144X144 Size Available with adapter Extra Rs.100.00    2. Aux. 110V/30VDC/SMPS can be supplied on request.



# NIPPEN ELECTRICAL INSTRUMENTS CO.

PRICE – LIST L (w.e.f. from 1-04-20012)

## Composite Meter Series:

Digital: 4 Digit LED, 14.2 mm, Size: 96X96mm, Panel Cut out 91X91 mm, Depth 52mm, Auxiliary Supply: 230V AC (Normal), ACC: 0.5% of FSD, CTR: CTR : DIP switch for CTR 100-2000A, PTR: Factory settable ,True TMS

### ➤ VAF METER

MODEL	DESCRIPTION	Rate Rs.
DT36-VAF	THREE PHASE VAF METER i.e V+A+Hz+On HR+RPM	1800.00
DT 3600	THREE PHASE MFM METER i.e V+A+Hz+kW+P.F + kVA+RPM +ON HR also one page 3Phase V,A & PF	2900.00

### ➤ A+V+Hz+Kw+kWh+P.F+kVA+kWh+On Hr+RPM METER

MODEL	DESCRIPTION	Rate Rs.
DT108	THREE PHASE A+V+ Hz+ kW+kWh+P.F METER+KVA	4500.00

### ➤ ENERGY METER (KWh)-COUNTER TYPE (ELECTRONIC ENERGY METER)

MODEL	DESCRIPTION	Rate Rs.
EM11	ELECTRONIC ENERGY, (Single Phase Two Wire)	2000.00
EM34	ELECTRONIC ENERGY, (Three Phase Three Element Four Wire)	2250.00

### ➤ ENERGY METER (KWh)-LCD DISPLAY

MODEL	DESCRIPTION	Rate Rs.
EM11L	DIGITAL ENERGY, (Single Phase Two Wire)	2250.00
EM34L	DIGITAL ENERGY, (Three Phase Three Element Four Wire)	2750.00
EM34L RS	DIGITAL ENERGY, (Three Phase Three Element Four Wire) WITH RS 485 O/P	3200.00

### ➤ DUAL SOURCE ENERGY METER

MODEL	DESCRIPTION	Rate Rs.
EM34D	DIGITAL ENERGY METER (kWh) LCD – (EB/DG COMBINED)	Rs.2950.00
EM34D RS	DIGITAL ENERGY METER (kWh) LCD – (EB/DG COMBINED) , (Three Phase Three Element Four Wire) WITH RS 485 O/P	Rs.3600.00

### ➤ MULTIFUNCTION METER / SMARTLOAD MANAGER/ENERGY ANALYSER

MODEL	DESCRIPTION	Rate Rs.
SLM34	SMART LOAD MANAGER (SLM)	6300.00
SLM34	SMART LOAD MANAGER (SLM) WITH RS 485 O/P / RS 232 O/P	8300.00

### ➤ MULTIFUNCTION METER / SMARTLOAD MANAGER/ENERGY ANALYSER new Series

MODEL	DESCRIPTION	Rate Rs.
SL6300	SMART LOAD MANAGER PLUS	8300.00
SL6300AL	SMART LOAD MANAGER PLUS-ALARM	8500.00
SL6300DS	SMART LOAD MANAGER PLUS-DUAL SOURCE	9500.00
SL6300MDC	SMART LOAD MANAGER PLUS-MAX.DEMAND CONTROLLER	12000.00

### ➤ DIGITAL FREQUENCY METER WITH RELAY O/P

MODEL	DESCRIPTION	Rate Rs.
DF-R	Digital High / Low Hz Cut off meter with Relay O/P	3600.00

### ➤ DIGITAL POWER FACTOR CONTROLLER RELAY

Power Factor Controller Relay ( PFCR) (Model UNO + series)		
Digital: 4 Digit LED, 14.2 mm, Size: 96X96mm, Panel Cut out 91X91 mm, Depth 52mm, Auxiliary Supply: 230V AC		
MODEL	DESCRIPTION	Rate Rs.
UNO 4R	4 Stage Relay	5900.00
UNO 6R	6 Stage Relay	7200.00
UNO 8R	8 Stage Relay	8600.00
UNO 10R	10 Stage Relay	9500.00
UNO 12R	12 Stage Relay	10300.00

### ➤ MAXIMUM DEMAND CONTROLLER / MAXIMUM DEMAND MONITOR (MDC / MDM)

MAXIMUM DEMAND CONTROLLER / MAXIMUM DEMAND Monitor ( Model Prime series )		
Digital: 4 Digit LED, 14.2 mm, Size: 96X96mm, Panel Cut out 91X91 mm, Depth 80mm, Auxiliary Supply: 230V AC		
MODEL	DESCRIPTION	Rate Rs.
PRIME	MDC (Controller) with 4 Relay	14300.00

MOVING IRON AC PANEL METERS					ACC: ±1.5%		IS 1248/83	
MODEL	SQUARE							
RANGE	SIF48 48X48 Panel Cut Out 45 X 45mm	SIF72 72X72 Panel Cutout 68 X 68mm	SIF 96 96X96 Panel Cutout 90X90mm	SIF 144 144 X 144 Panel Cutout 138 X 138mm				
<b>VOLTMETERS</b>								
Any Single Range 10 V to 300V	320.00	275.00	330.00	460.00				
Any Single Range 500V to 600 V	330.00	320.00	330.00	495.00				
<b>AMMETERS</b>								
Any Single Range 50mA to 30A or 1A	285.00	250.00	285.00	405.00				
Any Single Range 50A to 100A	-	310.00	320.00	480.00				
C.T. Operated 5A	285.00	250.00	285.00	450.00				
Note: Extra Price for	1. Ammeter (X6) Suppressed Scale Rs.30/- 2. Extra Standard dials Rs.30/-							

MOVING COIL DC PANEL METERS					ACC: ±1.5%		IS 1248/83	
MODEL	SQUARE							
RANGE	SM48 48X48 Panel Cut Out 45 X 45mm	SM72 72X72 Panel Cutout 68 X 68mm	SM96 96X96 Panel Cutout 90X90 mm	SM 144 144 X 144 Panel Cutout 138 X 138mm				
<b>VOLTMETERS</b>								
Any Single Range 50mV to 600V	450.00	415.00	450.00	770.00				
<b>AMMETERS</b>								
Any Single Range 1mA to 30A	450.00	415.00	450.00	760.00				
Any Single Range 50A to 5000A	450.00	450.00	450.00	760.00				
With Ext. Shunt 75mV Basic								
<b>MICRO AMMETER</b>								
Any Single Range 50uA to 750Ua	515.00	490.00	515.00	815.00				
<b>GALVANO METERS</b>								
Range 30-0-30g-50-0-50g 20u/Div, 10ua/Div 1uA/Div	-	395.00	450.00	770.00				
Note: Extra Price for	1. Center Zero Meters Rs.30/- 2. 1% Accuracy Meters Rs.30/- 3. Extra Standard dials Rs.30/- 4. Shrouded Cover for DC & AC Panel Meters 72 Sq. Rs. 20/- Nett. 96 Sq. Rs.25/- Nett							

MOVING COIL AC RECTIFIER TYPE PANEL METERS					ACC: ±2.5%		IS 1248/83	
MODEL	SQUARE							
RANGE	SM48 48X48 Panel Cut Out 45 X 45mm	SM72 72X72 Panel Cutout 68 X 68mm	SM96 96X96 Panel Cutout 90X90 mm	SM 144 144 X 144 Panel Cutout 138 X 138mm				
<b>AMMETERS</b>								
Any Single Range 10Mv to 50mV	470.00	470.00	515.00	845.00				
Any Single Range 50mA to 750mA	490.00	490.00	545.00	845.00				
Any Single Range 1 to 20A	545.00	545.00	580.00	870.00				
<b>VOLTMETER</b>								
Any Single Range 10V to 600V	470.00	470.00	515.00	845.00				

# SHUNT

SHUNT 50mV/60mV/75mV		ACC: ±1.0%				IS 1248/84	
Range Amps	Rate	Range Amps	Rate	Range Amps	Rate	Range Amps	Rate
5A to 15A	135.00	200A	440.0	750A	900.00	3000A	3240.00
20A to 50A	145.00	250A	470.0	1000A	1280.00	4000A	5500.00
60A to 75A	185.00	300A	520.0	1200&1250A	1690.00	5000A	9580.00
100A	235.00	400A	625.0	1500A	1870.00	6000A	10450.00
125A	265.00	500A	730.00	2000A	2500.00	7500A	13500.00
150A	285.00	600A	800.0	2500A	2900.00	10000A	16950.00

FREQUENCY METERS REED TYPE (Panel Type)		ACC : ± 1.0%		IS 1248/83	
Scale 47-50-53HZ or 45-50-55Hz	Model	72X72 Sq.	96X96 Sq.	144X144 Sq.	
110V or 230V or 440V		SF-72 550.00	SF-96 660.00	SF-144 770.00	

FREQUENCY METERS INDICATING TYPE (Panel Type)		ACC: ±1.0%		IS 1248/83	
Scale 40-50-60HZ or 45-50-55Hz		72X72 Sq.	96X96 Sq.	144X144 Sq.	
110V or 230V or 440V		SF-72 770.00	SF-96 770.00	SF-144 940.00	

POWER FACTOR METER TRANSDUCER TYPE SWITCH BOARD		ACC: ± 2° Elect.		IS 1248/83	
METER RANGE		MODEL	96X96 Square	144X144 Square	
Single Element for 3 Phase Balance load or Single Phase Single Element		PF-E&PF-D	1200.00	1300.00	

CIRCULAR SCALE 240° PANEL METERS		ACC : ±1.5%		IS 1248/83	
METER RANGE		72 & 72 SQ	96 X 96 SQ	144 X 144 SQ	
<b>MOVING COIL</b>					
DC AMMETERS – Range between 0-30A with Internal Shunt, use External Shunts 75mV for higher Range					
		800.00	870.00	995.00	
DC VOLTMETER- Any Range from 0 to 600V					
		800.00	870.00	995.00	
<b>RECTIFIER TYPE</b>					
AC AMMETERS-Any Range 1A to 5A (For Higher Ranges Use Ext. CT)					
		880.00	935.00	1085.00	
AC VOLTMETERS-Any Range 10V to 500V (For Higher Range USE Ext. PT)					
		880.00	935.00	1085.00	
Note: Extra Price for		1. Center Zero Meters Rs.40/- 2. Special Dial Rs.50/-			

CIRCULAR SCALE 240° PANEL METERS		ACC : ±1.5%		IS 1248/83	
METER RANGE		72 X 72 SQ	96 X 96 SQ	144 X 144 SQ	
<b>TRANSDUCER TYPE</b>					
FREQUENCY METER – 110V OR 240V OR 440 V 45-55Hz OR 40-60Hz					
		1375.00	1220.00	1350.00	
POWER FACTOR METERS – 1 PHASE OR 3 PHASE Single Element 1A or 5A, 110V, 240 or 440V					
		2910.00	3025.00	3135.00	
<b>POWER LINE TRANSDUCERS [(confirms to IS: 12784 (Part I) and IEC 688 2nd Edition)]</b>		<b>ACC : ± 0.5%</b>			
(Active Transducers, Load Independent, Din Rail cum Wall Mounting Type)					
TYPE		MODEL		PRICE	
AC Current Transducer		NAT		2250.00	
AC Voltage Transducer		NVT		2250.00	
Frequency Transducer		NFT		2250.00	
DC Isolation Transducer (with Optical Isolation)		NIT		5000.00	

Built-In Transducer Analogue Type Panel Meters		ACC : ±1.5%		IS 1248/83	
		90° PANEL METERS		240° PANEL METERS	
METER RANGE		96 x 96 SQ	144 X 144 SQ	96 X 96 SQ	144 X 144 SQ
<b>POWER FACTOR METERS TRANSDUCER TYPE</b>					
1 PH. 1E , 1A or 5A, 240V		1000.00	1100.00	2100.00	2600.00
3 PH. 2E , 1A or 5A, 110V or 440V		2390.00	2700.00	3800.00	4400.00
3 PH. 3E, 1A or 5A, 110V or 440V		2950.00	3300.00	4100.00	4700.00
3 PH. 1E, 1A or 5A, 110V or 440V		1200.00	1300.00	2150.00	2600.00
<b>kW METERS TRANSDUCER TYPE</b>					
1 PH. 1E , 1A or 5A, 240V		1100.00	1290.00	2450.00	2550.00
3 PH. 2E , 1A or 5A, 110V or 440V		1850.00	2100.00	3500.00	3650.00
3 PH. 3E, 1A or 5A, 110V or 440V		2350.00	2650.00	3500.00	3650.00
3 PH. 1E, 1A or 5A, 110V or 440V		1350.00	1550.00	2450.00	2550.00
<b>KVAr METERS TRANSDUCER TYPE</b>					
1 PH. 1E , 1A or 5A, 240V		1100.00	1290.00	2450.00	2550.00
3 PH. 2E , 1A or 5A, 110V or 440V		1850.00	2100.00	3500.00	3650.00
3 PH. 3E, 1A or 5A, 110V or 440V		2350.00	2650.00	3500.00	3650.00

Note: Extra Price for

- Center Zero Meters Rs.50/-
- 1% Accuracy Meters Rs.100/-

EARTH TESTER (HAND DRIVEN GENERATOR TYPE METAL/POLYCARBONATE BODY)		IS 9223-89	
Ranges In Ohms		Model	Price Rs.
<b>EARTH TESTER 4 TERMINAL TYPE</b> (Suitable for measuring Earth resistance and Specific Soil RESISTIVITY)			
Single Range Any one Single Range 3, 10, 50, 100, 500, 1000Ω		SET	2049.00
Dual Range Any one Dual Range 3/30, 5/50, 10/100, 30/300, 50/500, 100/1000Ω		DET	2549.00
Triple Range Any one Triple Range 2/10/100, 3/30/300, 5/50/500, 10/100/1000Ω		TET	3449.00
<b>TESTING KIT FOR EARTH TESTER 4 TERMINAL TYPE</b>			Rs.850.00
<b>Accessories Includes:</b>			
➤ 1 X Hammer 1 X Screw driver 4 X Spikes 8 X Crocodile clip 4 X Wire			

NOTE: Earth Tester Includes Carrying case and Instruction manual

INSULATION TESTER (HAND DRIVEN GENERATOR TYPE)		IS 2992-87			
(METAL BODY (NITM) / POLYCARBONATE BODY)		ABS BODY		METAL BODY	
Rated Voltage	Rated Resistance	MODEL No.	PRICE	MODEL No	PRICE
		100 VOLTS	20 Megohms 50 Megohms	NITA 102 NITA 105	1009.00 1054.00
250 VOLTS	50 Megohms 100 Megohms	NITA 255 NITA 2510	1009.00 1009.00	NITM - 255 NITM - 2510	2049.00 2349.00
500 VOLTS	100 Megohms 500 Megohms 1000 Megohms	NITA 5010 NITA 5050 NITA 50100	1154.00 1309.00 1359.00	NITM - 5010 NITM - 5050 NITM - 50100	2349.00 2549.00 2549.00
1000 VOLTS	200 Megohms 1000 Megohms 2000 Megohms	NITA 10020 NITA 100100 NITA100200	1154.00 1309.00 1359.00	NITM - 10020 NITM - 100100 NITM - 100200	2349.00 2649.00 2649.00
2000 VOLTS (METAL)	2000 Megohms Up to 5000 Megohms	-	-	ITHV - 2020 ITHV - 2025	4099.00 4199.00
2500 VOLTS (METAL)	5000 Megohms	-	-	ITHV - 2550	4649.00
5000 VOLTS (METAL)	Up to 10000 Megohms 20000 Megohms	- -	- -	ITHV - 50100 ITHV - 50200	6449.00 6749.00

**Accessories Includes:**

- Lead for all above item.
- Carrying case & Test Report

**CURRENT TRANSFORMERS LOW TENSION BAR PRIMARY (RING TYPE TAPE INSULATED CT ARE SECONDARY COIL WOUND ON TOROIDAL CORE OF HIGH PERMEABILITY SILICON STEEL)  
ACCURACY CLASS AS PER IS 2705/1981 BSS3983/1973**

**STANDARD TAPE WOUND AND ABS RING TYPE CT's  
ABS RING**

RING	ID	OD	HT	Accuracy	VA BURDEN	PRICE
50/5	33	66	36	5%	3	250.00
60/5	33	66	36	5%	3	250.00
75/5	33	66	36	5%	3	250.00
100/5	33	66	36	1.0%	5	250.00
150/5	33	66	36	1.0%	5	250.00
200/5	33	66	36	1.0%	5	250.00
300/5	60	100	36	1.0%	10	270.00
400/5	60	100	36	1.0%	10	270.00
500/5	60	100	36	1.0%	10	270.00
600/5	60	100	36	1.0%	10	270.00

**TAPE WOUND (RING CT)**

RING	ID	OD	HT	1.0%	VA BURDEN	PRICE
800/5	80	100	35	1.0%	10	350.00
1000/5	80	100	35	1.0%	15	350.00
1200/5	80	100	35	1.0%	15	350.00
1500/5	100	135	35	1.0%	15	425.00
1600/5	100	135	35	1.0%	15	425.00
2000/5	100	135	35	1.0%	15	425.00
2500/5	100	135	35	1.0%	15	550.00
3000/5	100	135	35	1.0%	15	550.00

**SQUARE CT's MODEL (NE SERIES)**

TYPE	RATIO	WINDOW DIMENSIONS FOR BUS BAR (MM)	OVERALL DIMENSION (HXWXTH)	PRICE RS.
201	100/5A ----500/5A	Ø 20MM	70X55X45	535.00
301	75/5A ---- 400/5A	30 X 10	70X49X32	285.00
401	150/5A----600/5A	40 X 12.5	78X60X32	315.00
601	400/5A-----1600/5A	60 X 10	108X85X32	410.00
801	400/5A-----2000/5A	80 X 10	122X100X40	535.00
1001	800/5A-----3000/5A	100 X 30	160X135X40	670.00

WOUND PRIMARY CURRENT TRANSFORMER-----Rs. 800.00

WOUND PRIMARY NE201 CT Range 20/5A to 75/5A -----Rs.700.00

- Note: 1) for 1A Secondary up to Ratio 1000A Extra Price Rs.100.00  
2) Mounting bracket for PCT Extra Price Rs.25.00  
3) Prices of 5P10 CT's on request

**Business terms and Conditions**

- This Price List supersedes all our previous Price List.
- The above prices are Ex-works for Maharashtra and outside Maharashtra FOB MUMBAI are exclusive of Tax, Freight, Octroi, and Duty.
- Central Excise Duty is 12.30 % Extra. Please inform your ECC Number, TIN Number and other excise particulars at the time of ordering.
- Sales Tax is extra at the time of dispatch of goods. (Presently VAT 12.50 % & 5% on CT or 2% CST against 'C' Form)
- Payment against Proforma Invoice by DD or Cheque payable at Mumbai at time of collection of goods or 100% Payment against documents through bank.
- Please provide complete specification at the time of placing order.
- All Products are guaranteed for period of 12 months against defective workmanship as per our standard guarantee clause.
- Prices are subject to change without notice.