PHOENIX®

True way to weigh

PRODUCT CATALOGUE

✦ Electronic Weighing Scales & Systems
✦ Electronic Fare Meters

✦ Electronic Currency Counting Machines
✦ Security & Access Control Products

NITIRAJ ENGINEERS LTD.

www.nitiraj.net

IS 9281

ISO 9001 : 2015 Company

PHOENIX®

THE COMPANY :

NITIRAJ ENGINEERS LTD., established in 1989, is a leading manufacturer of Electronic Weighing Scales & Systems, Digital Fare Meters & Currency Counting Machines.

PHOENIX® our brand is one of the renowned brands in Electronic Weighing Scales in India with the motto, "Quality products at reasonable price."

List of accreditations received by us :

- ISO 9001 since 1998.
- Model approval from Legal Metrology Department, Government of India for all the machines we manufacture.
- BIS Certificate (ISI Mark)
- NSIC registration.

Company has sophisticated, state-of-the-art in-house modern facilities for continuous research, consistent production & stringent quality control.

Production Unit is equipped with PCB Assembly Lines, SMT Line, Tool Room, Molding Shop & Press Shop that gives an unmatched advantage to fulfill market demands.

Company caters to all India market through its closely knit sales & service network comprising of company's branch offices & dealers.

Company has distributors in Middle East, SAARC & African countries. Our products are compatible with world standards.

INDEX

- Weighing Range
- Currency Counting
- Fare Meter
- Security & Access Control Products

Electromagnetic Sensor based Weighing Balances : NLB SERIES

MAIN FEATURES :

- 7 Digit LCD display with backlight.
- Very high resolution technology.
- 10-Key Feather touch keyboard.
- Gram, mg, carat, counting, GSM, percentage.
- Memory Accumulation.
- Aluminium die casted body.

Model	Capacity	Accuracy	Platter Size
NLB-604	60 g	0.1 mg	85 mm dia
NLB-1204	120 g	0.1 mg	85 mm dia
NLB-2204	220 g	0.1 mg	85 mm dia
NLB-2003	200 g	1 mg	100 mm dia
NLB-5003	500 g	1 mg	100 mm dia
NLB-7003	700 g	1 mg	100 mm dia
NLB-12002	1200 g	10 mg	160 mm dia
NLB-20002	2 kg	10 mg	160 mm dia
NLB-30002	3 kg	10 mg	160 mm dia

ACCESSORIES :

- Wind Shield with toughened glass.
- Extra Display with detachable cable at 3 meters.
- Wireless RF display.
- USB Device port.
- USB Host port to write data in pen drive.
- Computer/Printer interface (RS-232 C).
- Thermal Printer.
- RTC (real time clock).
- Bluetooth with mobile App.

Extra Display

Thermal Printer

NITIRAJ ENGINEERS LTD.

Specifications are subject to change without piror notice.

Precision Balance : GOLD SERIES

MAIN FEATURES :

- Bright Red LED display.
- 24 bit $\Sigma-\Delta$ ADC (High resolution)
- Feather touch keyboard with audible indication during entry.
- Adjustable display intensity for longer battery back-up.
- Memory Accumulation.
- Battery voltage display on screen.
- Carat, counting, percentage & GSM (gram per square meter).

Model	Capacity	Accuracy	Platter Size
GOLD-120 P	120 g	0.01 g	125 mm dia
GOLD-300 P	300 g	0.01 g	125 mm dia
GOLD-300 Q	300 g	0.005 g	125 mm dia
GOLD-600 P	600 g	0.01 g	125 mm dia
GOLD-1000 P	1000 g	0.01 g	125 mm dia

- Models with lower / better resolutions are also available.

ACCESSORIES :

- 6 V, 4 AH rechargeable SMF battery.
- Computer/Printer interface (RS-232 C).
- Thermal Printer (with adaptor).
- Green bright LED display.
- Wind Shield.
- Extra Display
  (At the rear side of the scale or detachable at 3 meters).
- Wireless RF display.

Wind Shield

Extra Display

Wireless Extra Display

On Body Rear Display

Thermal Printer

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Specifications are subject to change without piror notice.

Tabletop Scales : SMART SERIES

MAIN FEATURES :

◆ Bright Red LED display.
◆ 24 Bit $\Sigma-\Delta$ ADC (High resolution).
◆ Feather touch membrane keyboard with audible indication during entry.
◆ Indications for A.C. On, Nett/Gross weight, Zero, Battery, Battery low & Count mode.
◆ Adjustable display intensity for longer battery backup.
◆ Counting function.
◆ Memory accumulation.

Model	Capacity	Accuracy	Platter Size
SMART-3A	3 kg	0.2 g	215 x 185 mm
SMART-6A	6 kg	0.5 g	215 x 185 mm
SMART-10	10 kg	1.0 g	215 x 185 mm
SMART-20	20 kg	2.0 g	215 x 185 mm
SMART-2Q	2 kg	0.05 g	215 x 185 mm
SMART-5Q	5 kg	0.1 g	215 x 185 mm

◆ SMART - 2Q & 5Q models are specially designed for Silver Market.

ACCESSORIES :

◆ Extra display
  (at the rear side of the scale or rod type display).
◆ ABS bowl (310 x 230 mm).
◆ 6 V, 4 AH rechargeable SMF battery.
◆ 7.4 V, 1.5 AH Li-Ion battery with charger.
◆ Wireless RF display.

On Body Rear Display

ABS Bowl

Wireless RF display

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Tabletop Scales : NPW SERIES

MAIN FEATURES :

◆ Bright Red LED display.
◆ 24 Bit $\Sigma-\Delta$ ADC (High resolution).
◆ Feather touch keyboard with audible indication during entry.
◆ Indications for A.C. On, Nett/Gross weight, Zero, Battery, Battery low & Count mode.
◆ Adjustable display intensity for longer battery backup.
◆ Counting function.   ◆ Memory Accumulation.

Model	Capacity	Accuracy	Model	Capacity	Accuracy
✱ NPW - 3 P	3 kg	0.1 g	NPW - 15 A	15 kg	1 g
✱ NPW - 6 P	6 kg	0.2 g	NPW - 30 A	30 kg	2 g
✱ NPW - 6 Q	6 kg	0.1 g	NPW - 15/30	15/30 kg	2/5 g
✱ NPW - 15 P	15 kg	0.5 g	NPW - 8/20/30	8/20/30 kg	1/2/5 g

✱ Above models are specially designed for Silver Market   ◆ Platter Size : 270 x 220 mm
◆ Models with lower / better resolutions are also available.
◆ Multi-interval instruments (Dual Accuracy Scales) are also available.

ACCESSORIES :

◆ Bright Green/Blue LED display.
◆ Extra display (at the rear side of the scale or rod type).
◆ 6 V, 4 AH rechargeable SMF battery.
◆ Computer / Printer interface (RS-232 C).
◆ Thermal Printer (with adaptor).
◆ Wireless RF display.
◆ USB Host Port (to transfer data on Pen Drive).
◆ USB Port (to connect to computer).
◆ Real Time Clock.   ◆ Solar Panel.
◆ 7.4 V, 1.5 AH Li-Ion battery with charger.
◆ 3 Big LED Indications (for check weighing).

On Body Rear Display

Solar Panel with Stand

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Tabletop Scales : NEW SERIES

MAIN FEATURES :

- Bright Red LED display.
- 24 Bit Σ–Δ ADC (High resolution).
- Feather touch keyboard with audible indication during entry.
- Indications for A.C. On, Nett/Gross weight, Zero, Battery, Battery low & Count mode.
- Adjustable display intensity for longer battery backup.
- Counting function.
- Memory accumulation.

Model	Capacity	Accuracy	Platter Size
NEW - 3 A	3 kg	0.2 g	350 x 246 mm
NEW - 6 A	6 kg	0.5 g	350 x 246 mm
NEW - 15 A	15 kg	1.0 g	350 x 246 mm
NEW - 30 A	30 kg	2.0 g	350 x 246 mm

- Models with lower / better resolutions are also available.
- Multi-interval instruments (Dual Accuracy Scales) are also available.

ACCESSORIES :

- Extra display (at the rear side of the scale or rod type).
- 6 V, 4 AH rechargeable SMF battery.
- 3 Big LED Indications (for check weighing).
- Computer / Printer interface (RS-232 C).
- Thermal Printer (with adaptor).
- Real Time Clock.
- Wireless RF Display.
- USB HOST Port (to transfer data on Pen Drive).
- USB Port (to Connect to Computer).
- Solar Panel.
- 7.4 V, 1.5 AH Li-Ion battery with charger.

Rear Side Display

Wireless RF display

Check Weighing (3 LED Indication)

Solar Panel with Stand

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Tabletop Scale : NE SERIES

MAIN FEATURES :

- Bright Red LED display / LCD display (21 mm) with backlight.
- 24 Bit Σ–Δ ADC (High resolution).
- Feather touch keyboard with audible indication during entry.
- Indications for A.C. On, Nett/Gross weight, Zero, Battery, Battery low & Count mode.
- Adjustable display intensity for longer battery backup.
- Counting function.
- Memory accumulation.

Model	Capacity	Accuracy	Platter Size
NE - 3 A	3 kg	0.2 g	300 x 260 mm
NE - 6 A	6 kg	0.5 g	300 x 260 mm
NE - 15 A	15 kg	1.0 g	300 x 260 mm
NE - 30 A	30 kg	2.0 g	300 x 260 mm

- Models with lower / better resolutions are also available.
- Multi-interval instruments (Dual Accuracy Scales) are also available.

ACCESSORIES :

- Green/Blue bright LED display.
- Extra display (at the rear side of the scale or rod type).
- 6 V, 4 AH rechargeable SMF battery.
- Computer / Printer interface (RS-232 C).
- Small Thermal Printer (with adaptor).
- Wireless RF display.
- USB Host Port (to transfer data on Pen Drive).
- USB Port (to connect to computer).
- Solar Panel.
- Real Time Clock.
- 7.4 V, 1.5 AH Li-Ion battery with charger.

Rear Side Display

Wireless RF display

Solar Panel with Stand

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Tabletop Scale : NES SERIES

MAIN FEATURES :

- 21 mm crisp & clear LCD display.
- Extremely low power consumption.
- Compact, light weight & portable.
- Piece counting feature.
- Operates on 1.5 V x 4 'UM-2' or 'C' size batteries (supplied with scale).

Model	Capacity	Accuracy	Platter Size
NES - 3	3 kg	0.5 g	215 x 185 mm
NES - 6	6 kg	1.0 g	215 x 185 mm
NES - 12	12 kg	2.0 g	215 x 185 mm
NES - 15	15 kg	5.0 g	215 x 185 mm

ACCESSORIES :

- ABS bowl (310 x 230 mm).
- Extra display at back side of the scale.

On Body Rear Display

ABS Bowl

Counting Scale : NEC SERIES

PLATFORM INDICATOR

MAIN FEATURES :

- Bright Red LED display.
- 24 bit $\Sigma-\Delta$ ADC (High resolution).
- 20 key feather touch keyboard with audio indication during entry.
- Displays Weight, Unit, Unit Weight & Count.
- Counting function.
- Memory Accumulation.

Model	Capacity	Accuracy	Platter Size
NEC - 3	3 kg	0.2 g	350 x 246 mm
NEC - 6	6 kg	0.5 g	350 x 246 mm
NEC - 15	15 kg	2.0 g	350 x 246 mm
NEC - 30	30 kg	5.0 g	350 x 246 mm

- Models with lower / better resolutions are also available.

ACCESSORIES :

- Bright Green LED display.
- Extra display at the rear side of the scale.
- 6 V, 4 AH SMF rechargeable battery.
- Computer / Printer interface (RS-232 C).
- Rod Type extra display.
- Real Time Clock.
- USB Port.
- Thermal Printer (with adaptor).
- Solar Panel.
- 7.4 V, 1.5 AH Li-Ion battery with charger.

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Price Computing Scale : NPC SERIES

PLATFORM INDICATOR

MAIN FEATURES :

- 16 digit bright Red LED display.
- 24 Bit Σ–Δ ADC (High resolution).
- Feather touch 20 key keyboard with audible indication during entry.
- Indications for A.C. On, Nett/Gross weight, Zero, Battery, Battery low.
- 'HOLD' function for locking the display of weight.
- Memory facility to store up to 100 items.
- Individual billing & accumulated commodity wise records can be printed.

Model	Capacity	Accuracy	Platter Size
NPC - 3	3 kg	0.5 g	350 x 246 mm
NPC - 6	6 kg	1.0 g	350 x 246 mm
NPC - 15	15 kg	2.0 g	350 x 246 mm
NPC - 30	30 kg	5.0 g	350 x 246 mm

- Models with lower / better resolutions are also available.
- Multi-interval instruments (Dual Accuracy Scales) are also available.
- Platform Indicator with On-body extra display is also available.

ACCESSORIES :

- Green bright LED display.
- Extra display at the rear side of the scale.
- 6 V, 4 AH rechargeable SMF battery.
- Real Time Clock.
- Rod Type Extra Display
- USB Port (to connect to computer).
- Solar Panel.
- Computer / Printer interface (RS-232 C).
- Thermal Printer (with adaptor).
- 7.4 V, 1.5 AH Li-Ion battery with charger.

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Price Computing Scale : NPC-N SERIES

PLATFORM INDICATOR

MAIN FEATURES :

- 16 digit bright Red LED display in Table Top Scale & 18 digit display in Platform Scale. Display shows Item No., Unit Price, Weight, Total Price & Item Name.
- 36 key Alphanumeric keyboard. ✦ 24 bit S-D ADC (High resolution).
- Data of 500 commodities can be entered using keyboard or can be downloaded from computer. ✦ Prepacked items can be added in the bill.
- Name & address of the shop owner can be entered using alphanumeric keyboard or can be downloaded from computer & the same can be printed on bill.
- Can select from three different modes for printing : (i) Prints Barcode of individual Item (Barcode will consist of Item No. & Weight). (ii) Prints the bill directely from weighing scale. (iii) Transfers the weight data constantly to the computer.
- Type of printer can be selected for Bill Printing Mode.
- Accumulated commodity wise records can be printed.
- Indication for AC On, Nett/Gross, Battery, Battery Low.
- 'HOLD' function for locking the display of weight.
- Compatible with HDPOS Smart Software. (www.hdpos.in)

Model	Capacity	Accuracy	Platter Size
NPC - 3 N	3 kg	0.5 g	350 x 246 mm
NPC - 6 N	6 kg	1.0 g	350 x 246 mm
NPC - 15 N	15 kg	2.0 g	350 x 246 mm
NPC - 30 N	30 kg	5.0 g	350 x 246 mm

- Models with lower / better resolutions are also available.
- Multi-interval instruments (Dual Accuracy Scales) are also available.
- Platform Indicator with On-body extra display is also available)

Bar Code Printer

ACCESSORIES :

- Bright Green LED display. ✦ Rod type display.
- 6 V, 4 AH rechargeable SMF battery.
- Computer-Printer Interface (RS232-C) with a CD containing program for downloading commodities, Shop Name & Address.
- Real time clock. ✦ USB Port. ✦ Solar Panel. ✦ 7.4 V, 1.5 AH Li-Ion battery with charger.

Dot Matrix Printer

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MAIN FEATURES :

- Bright Red LED display.
- Rugged construction with stainless steel platform.
- Heavy duty M.S. checkered plate for bigger platter sizes.
- Sturdy grill provided to support heavy loads.
- Angle Setter Assembly for indicator providing clear visibility.
- 24 bit Σ–Δ ADC (High resolution).
- Indication for A.C. On, Net/Gross weight, Zero, Battery, Battery low & count mode.
- Adjustable display intensity for longer battery back-up.
- Counting function, memory accumulation.

Model	Capacity	Accuracy	Platter Size
NEP-30 A	30 kg	2.0 g	320 x 320 mm
NEP-60 A	60 kg	5.0 g	400 x 400 mm
NEP-150 A	150 kg	10.0 g	450 x 450 mm
NEP-150 A	150 kg	10.0 g	600 x 450 mm
NEP-150 A	150 kg	10.0 g	600 x 600 mm
NEP-300 A	300 kg	20.0 g	600 x 600 mm
NEP-300 A	300 kg	20.0 g	750 x 750 mm
NEP-600 A	600 kg	50.0 g	600 x 600 mm
NEP-600 A	600 kg	50.0 g	750 x 750 mm
NEP-600 A	600 kg	50.0 g	900 x 900 mm
NEP-1000 A	1000 kg	100.0 g	750 x 750 mm
NEP-1000 A	1000 kg	100.0 g	900 x 900 mm
NEP-2000 A	2000 kg	200.0 g	1250 x 1250 mm
NEP-5000 A	5000 kg	500.0 g	1500 x 1500 mm

- Multi-interval instruments (dual accuracy scales) also available in all platform models.
- Platform scales of different platter sizes and capacities can be supplied as per customer's requirement.

Wireless Indicator (Without Load Cell Wire) :
Wireless indicator can be placed
at a distance (upto 50 meters) from platform.
Usefull in Steel Yards, APMC Markets, etc.
Wireless Indicator can further have wireless extra display
or wired extra display.

Check Weigher with 3 LED Indications :
Application : **Packing** : Its unique Visual and Audio indications help
users pack accurately and speedily without getting fatigue.
Check Weighing : To verify and sort out the pre-packed
commodities on weight basis.

Indicator with LCD Display (21mm) with Backlight :
It provides clear visibility / readability in bright outdoor day light as
well as in low light indoor conditions. Its user-friendly backlight
ON/OFF feature provides power saving & longer battery back-up.

Indicator with USB Host Port :
This unique feature allows to save data of 2000 batches with Date & Time
in memory and this can be transferred to Pen-Drive. The data on Pen
Drive can be accessed in Excel on PC for further data processing.

Inbuilt Printer :
Indicator with thermal In-built Printer provides printed slips in various formats.

Price Computing/Piece Counting :
Platform Scales with Price Computing or Piece counting features.

Indicator with Large LED Display (20mm) :
It provides better readability and attractive looks.

Wireless Indicator with Radio Frequnecy :
Wireless extra display can be placed at a distance of upto 50 meters from
main Indicator. Multiple wireless displays can be paired with a single indicator.

Platform Scale : NEP SERIES

ACCESSORIES :

IR Remote Control

Detachable Extra Display

Adaptor Box with Battery

Wall mounting stand for Indicator

(500 mm L x 162 mm H x 33 mm W)
Display Size : 81 mm (height)

Indicator with Solar Panel

Solar Panel with Stand

ACCESSORIES

- Bright Green/Blue LED display.
- IR Remote Control.
- Detachable extra display at 5 meters.
- 6 V, 4 AH rechargeable SMF battery.
- Computer / Printer Interface (RS-232 C).
- Jumbo Display (wired or wireless).
- Tripole Stand.
- USB Port (for computer interface).
- Wall mounting stand for indicator.
- Solar Panel (either mounted on indicator or with separate stand)
- Real Time Clock.
- 7.4 V, 1.5 AH Li-Ion battery with charger.
- Adaptor Box with rechargeable battery.
- Epoxy coated PCBs to provide hermetic sealing for corrosive environment.

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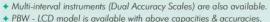# Bench Scale : NBW/PBW SERIES

NBW Series

PBW Series

MAIN FEATURES :

- Bright Red LED display (NBW Series).
- High bright backlight LCD display (PBW Series).
- Rugged construction with stainless steel platform.
- Portable design, easy to carry.
- Foldable sturdy grill provided to support heavy loads.
- Inclined front panel for easy readability.
- 24 bit S-D ADC (High resolution).
- Indication for A.C. On, Net/Gross weight, Zero, Battery, Battery low & count mode.
- Adjustable display intensity for longer battery back-up.
- Counting function, memory accumulation.

Model	Capacity	Accuracy	Platter Size
NBW - 50 A	50 kg	5.0 g	400 x 400 mm
NBW - 60 A	60 kg	10.0 g	400 x 400 mm
NBW - 100 A	100 kg	10.0 g	400 x 400 mm
NBW - 150 A	150 kg	10.0 g	400 x 400 mm
NBW - 50 A	50 kg	5.0 g	450 x 450 mm
NBW - 60 A	60 kg	10.0 g	450 x 450 mm
NBW - 100 A	100 kg	10.0 g	450 x 450 mm
NBW - 150 A	150 kg	10.0 g	450 x 450 mm

- Multi-interval instruments (Dual Accuracy Scales) are also available.
- PBW - LCD model is available with above capacities & accuracies.

Extra Display

(500 mm L x 162 mm H x 33 mm W)
Display Size : 81 mm (height)

ACCESSORIES :

- Bright Green LED display.
- Jumbo display. ◆ Real Time Clock.
- Wireless RF extra display.
- 6 V, 4 AH rechargeable SMF battery.
- 7.4 V, 1.5 AH Li-Ion battery with charger.
- Extra display (at rear side of Scale or detachable with 5 mtrs cord).
- USB Host Port (to transfer data on Pen drive)
- USB Port (for computer interface).
- Computer / Printer interface (RS-232 C).
- IR Remote control.

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Hanging Scale : NHS SERIES

Wireless Radio Frequency Display

Wireless Indicator with Inbuilt Printer

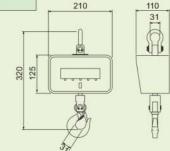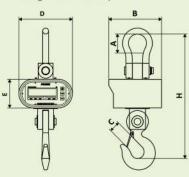## MAIN FEATURES :

- 14 mm bright Red LED display
- Convenient rotating design.
- 'HOLD' function for locking the display of weight.
- AC adaptor provided for battery charging.
- Memory Accumulation.
- 6 V, 4 AH rechargeable SMF battery (Supplied with Scale)
- Robust Design.

Model	Capacity	Accuracy
NHS-60	60 kg	10.0 g
NHS-150	150 kg	20.0 g
NHS-300	300 kg	50.0 g
NHS-1000	1000 kg	200.0 g

ACCESSORIES :

- Computer / Printer interface (RS-232 C).
- IR Remote Control.
- Bright Green LED display.
- Wireless RF extra display.
- Wireless RF extra indicator.
- Detachable extra display with 5 meter cord.
- 7.4 V, 1.5 AH Li-Ion battery with charger.

All dimensions are in mm

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CRANE SCALE : NHS SERIES

Wireless Radio Frequency Display

Wireless Indicator with Inbuilt Printer

MAIN FEATURES :

- IR Remote Control Operation.
- Sturdy design.
- Rechargeable SMF battery.

Model	Capacity	Accuracy	A	B	C	D	E	H	Weight
NHS - 2 t	2 ton	1.0 kg	60	220	40	223	115	520	12.00 kg
NHS - 5 t	5 ton	2.0 kg	80	230	50	234	123	531	19.85 kg

All dimensions in mm

ACCESSORIES :

- Wireless RF extra display.
- Wireless RF extra indicator.
- Phoenix Blue Tooth App.

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Specifications are subject to change without prior notice.

Weigh Bridge : WB SERIES

MAIN FEATURES :

✦ High resolution (accuracy).
✦ Pitless / Pit type construction.
✦ Platform size customizable.

Model	Capacity	Accuracy	Platform Size
WB-30	30 ton	5 kg	7.5 x 3 m
WB-40	40 ton	10 kg	9 x 3 m
WB-50	50 ton	10 kg	12 x 3 m
WB-60	60 ton	10 kg	15 x 3 m
WB-100	100 ton	20 kg	18 x 3 m

✦ Models with lower/better resolutions are also available.

ACCESSORIES :

✦ 6 V, 4 AH SMF rechargeable battery.
✦ Detachable extra display at 5 meter.
✦ Computer / Printer interface (RS-232 C).
✦ Jumbo Display.
✦ Wireless RF extra display.
✦ USB port for laptop computers.
✦ HD Weigh Bridge Smart Software.
✦ 7.4 V, 1.5 AH Li-Ion battery with charger.

(500 mm L x 162 mm H x 33 mm W)
Display Size : 81 mm (height)

WBC SERIES :

✦ Mechanical weigh bridge can be converted into electronic weigh bridge.

Weigh Bridge : WB SERIES

INDICATOR :

✦ Utilizes 24 bit S-D ADC (High internal resolution).
✦ Micro controller based. ✦ Utilizes 6 V, 4AH SMF battery.
✦ 6 digit easy to read bright LED display.

LOAD CELL :

✦ Double ended shear beam type steel alloy heavy duty
Load Cell.(4 to 8 nos.)

JUNCTION BOX :

✦ Made up of M.S. with powder coated surface.
✦ Supports maximum eight load cells.
✦ Cable glands provided for easy & proper fitting of cables.

MECHANICAL STRUCTURE :

✦ Heavy duty mechanical structure comprising of I beam &
heavy deck plate to support 150% of weigh bridge capacity.

COMPUTER / PRINTER : ✦ To be arranged by customer.

✦ Compatible with "HD Weigh Bridge Smart" Software.

Specifications are subject to change without piror notice.

Milk Weighing System : NMW SERIES

MAIN FEATURES :

- Microprocessor based fully electronic weighing system.
- Rechargeable battery & charger in-built.
- Displays weight in kilograms as well as volume in liters.

Model	Capacity	Accuracy
NMW - 300	300 kg	100 g
NMW - 600	600 kg	200 g

ACCESSORIES :

- 6 V, 4 AH rechargeable SMF battery.
- Wireless RF extra display.
- Computer / Printer interface (RS-232 C).
- Jumbo Display.
- USB Port for computer interface.
- Inbuilt Printer.
- 7.4 V, 1.5 AH Li-Ion battery with charger.

- Note : Milk Weighing Bowl to be arranged by customer.

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PPT SERIES : Pallet Weighing Scale

MAIN FEATURES :

- 4 Load Cell Structure.
- Very sturdy pallet truck with weighing mechanism.
- Indication for A.C. On, Nett/Gross weight, Zero, Battery, Battery Low & Count Mode.

Model	Capacity	Accuracy
PPT - 2 t	2 ton	0.5 kg

ACCESSORIES :

- 6 V, 4 AH rechargeable SMF battery.
- Computer / Printer interface (RS-232 C).
- USB Port for computer interface.
- Real Time Clock.
- Inbuilt Printer.
- Wireless RF extra display.

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Person Weighing Scale : PAS / PPS SERIES

PPS-150

PAS-150

MAIN FEATURES :

✦ Bright red LED display / LCD display.
✦ Indication for Weight, Height, BMI and Hold (stable weight)
✦ Attractive and sturdy M.S. Body.
✦ Auto Zero.
✦ Auto Off.
✦ Feather touch 5-key keyboard.
✦ Low battery indication.
✦ Ultra low power consumption.
✦ Easy to operate.
✦ Operates on AA size batteries, 2 nos. (Supplied with scale).

Model	Capacity	Accuracy	Platter Size	Display
PAS - 150	150 kg	0.1 kg	330 x 315 mm	LED
PPS - 150	150 kg	0.1 kg	330 x 315 mm	LCD

APPLICATIONS :

✦ Homes, Clinics, Hospitals, Anganwadies, Primary Health Centres, etc.

SPECIFICATIONS :

✦ Dimension : 330mm(L) x 315mm(W) x 39mm(H).
✦ Weight : 2.7 kg (approx).

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Person Weighing Scale : PAS / PPS SERIES

PAS-150 N

PPS-150 N

MAIN FEATURES :

✦ Light weight, easy-to-handle.
✦ Ultra low power consumption.
✦ Attractive and sturdy ABS body.
✦ Indicates weight and BMI.
✦ 5-key membrane keyboard.
✦ Auto Zero.
✦ Auto Off.
✦ Easy to operate.
✦ Low battery indication.
✦ Easy-to-read LED display / LCD display.
✦ Indication for stable weight.
✦ Operates on 1.5 V 'AA' size batteries, 2 nos.(Supplied with scale).
✦ Models available in Blue and Pink colours.

Model	Capacity	Accuracy	Platter Size	Display
PAS - 150 N	150 kg	0.1 kg	330 x 315 mm	LED
PPS - 150 N	150 kg	0.1 kg	330 x 315 mm	LCD

APPLICATIONS :

✦ Homes, Clinics, Hospitals, Fitness Centres, Anganwadies, Primary Health Centres, Sports, Hotels, Schools, etc.

SPECIFICATIONS :

✦ Dimension : 315mm(L) x 315mm(W) x 35mm(H).
✦ Weight : 915 g (approx).

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Baby Weighing Scale : NBY SERIES

MAIN FEATURES :

- Feather touch keyboard with audible indication.
- Indication for A.C. On, Nett/Gross Weight, Zero, Battery, Battery low & kg/lb mode.
- Adjustable display intensity for longer battery backup.
- Retains the last weight in memory.
- 'HOLD' function for locking the display of weight.
- Baby bowl made up of ABS material (Supplied with scale).

Model	Capacity	Accuracy	Bowl Size
NBY-10	10 kg	2.0 g	550 x 300 mm
NBY-20	20 kg	10.0 g	550 x 300 mm
NBY-30	30 kg	10.0 g	550 x 300 mm

- PBY - LCD model is available with above capacities & accuracies.

ACCESSORIES :

- 6V, 4AH SMF rechargeable SMF battery.
- Computer/Printer interface (RS-232 C).
- Thermal printer (with adaptor).
- On body rear side display.
- Real Time Clock.
- Wireless RF Extra display.
- USB Port for computer interface.
- 7.4 V, 1.5 AH Li-Ion battery with charger.

PBY Series (LCD Display)

THERMAL PRINTER

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Child Growth Monitoring System : CGMS SERIES

SALIENT FEATURES :

- It gives the result of a child comprising of all three growth charts published by World Health Organisation (WHO), namely, UNDERWEIGHT, STUNTING and WASTING. It gives the CATEGORY of Underweight, Stunting and Wasting as well as shows the amount of Underweight and Stunting of a child.
- It can store the data of 500 children.
- HOST USB Port is provided by which the data of children can be copied on a PEN DRIVE and the same can be transferred to computer so that authentic malnutrition status can be provided at desired level of administration in a short time frame.

MAIN FEATURES :

- Computer software, "MAA" (Malnutrition Assessment and Analysis) by which one can analyse the various data about Growth Monitoring in tabular and Graphical form. One can view information of an individual child as well as Anganwadi, Place, Project, Block, District and State, individually or collectively.
- It can be equipped with rechargeable battery back-up by which the system can be operated for minimum 8 hrs on battery.
- It is equipped with very sturdy and large size of ABS bowl (As per Weights & Measures Rules) which can accommodate children ageing from 0 to 72 months.
- 25-key feather touch membrane keyboard with audible indication.
- 18-digit easy-to-read bright red LED display.
- Equipped with Real Time Clock, provides Date of each weighment.
- User friendly local language keyboard, keeping in view utilisation by Anganwadi workers. ✦ Portable and sturdy design.

ACCESSORIES :

- Rechargeable 6V, 4AH, SMF battery with battery charging circuit.
- "MAA" (Malnutrition Assessment and Analysis) Software.

Screen Shot of 'MAA' Software

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Person Weighing Scale : PW/PWCP SERIES

PWC - 200 CP
(With coin selector & Printer)

PWC - 200

MAIN FEATURES :

- ✦ Heavy duty, stable platform made up of heavy duty cast iron.
- ✦ Easy-to-read bright RED LED display with unique angle setter assembly for setting convenient and clear angle of display.
- ✦ Digital filtration technology provides distortion free, stable and repeatable weight reading.
- ✦ Hi-tech 24 bit Σ–Δ ADC technology provides high resolution for better performance.
- ✦ Holds the stable weight, retains the last weight in memory.
- ✦ Indications for Zero, Lock, Battery, Battery low, A.C. On.
- ✦ Keyboard with audible entry.
- ✦ Over load indication.

Model	Capacity	Accuracy	Platter Size
PWC-200	200 kg	100 g	360 x 300 mm
PWC-200 CP	200 kg	100 g	360 x 300 mm

ACCESSORIES :

- ✦ 6V- 4AH SMF battery & charger (for PW model only).
- ✦ Coin selector to operate the scale only on insertion of coin.
- ✦ Computer/Printer Interface (RS-232 C).
- ✦ Thermal Printer.
- ✦ Detachable extra display at 5 meters.
- ✦ Real Time Clock.
- ✦ 7.4 V, 1.5 AH Li-Ion battery with charger.
- ✦ Wireless RF display.

Extra Display

Person Weighing Scale : 3-in-1 Series

MAIN FEATURES :

- ✦ Ideal for weighing Infants, Children & Adults all on a single scale (3-in-1)
- ✦ Supplied with foldable Baby Bowl & foldable small seat for children.
- ✦ Easy-to read bright Red LED display.
- ✦ Digital filtration technology provides distortion free, stable & repeatable weight reading.
- ✦ 24 bit S-D ADC provides high internal resolution.
- ✦ 'HOLD' function to lock the weight.

Model	Capacity	Accuracy	Platter Size
NEP-10/40/120	10/40/120 kg	10/20/50 g	600 x 450 mm

- ✦ *Baby Bowl Size : 550 x 300 x 110 mm*

ACCESSORIES :

- ✦ 6 V, 4 AH rechargeable SMF battery.
- ✦ Computer/Printer interface (RS-232 C).
- ✦ In built Thermal Printer.
- ✦ Detachable extra display at 5 meters.
- ✦ Real Time Clock.
- ✦ 7.4 V, 1.5 AH Li-Ion battery with charger.
- ✦ Wireless RF display.

Extra Display

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Body Mass Index Scale : PBMI SERIES

Automatically measures weight, height & body mass index accurately & rapidly.

MAIN FEATURES :
- Displays weight, height & Body Mass Index.
- It also displays, simultaneously, how much over / under weight you are.

ACCESSORIES :
- Thermal Printer can print Date, Time, Weight, Height, BMI & amount of overweight/underweight.
- Coin selector to operate the scale only on insertion of coin.
- Voice (Audio) Output. ✦ RFID Card Reader ✦ GSM (SMS) facility

SPECIFICATIONS :
- Self weight : 28 kg (approximately)
- Self height : 250 cm
- Weighing Capacity : 200 kg
- Weighing Accuracy : 100 g
- Height Range : 50 to 200 cm
- Height Accuracy : 0.5 cm
- Platform Size : 360 x 300mm

Model	Specification
PBMI-200	Basic Model
PBMI-200 C	Coin selector with audio output
PBMI-200 P	With thermal printer
PBMI-200 CP	Thermal printer, coin selector and audio output
PBMI-200 CPAC	Thermal printer with auto-cutter, coin selector and audio output

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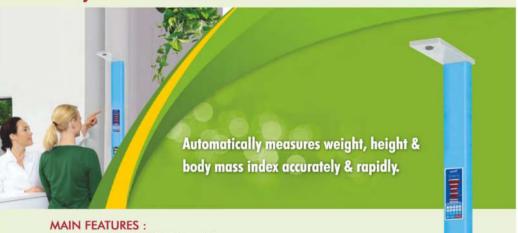**Corp. Office :** J-25, J-26, M.I.D.C., Awdhan, DHULE - 424006 (M.S.) INDIA.
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Infantometer : PIM SERIES

PHOENIX Infantometer is light weight, compact equipment that measures height of infant. Fold-up mechanism with hinges joins two parts of infantometer. The slider runs smoothly along the guide rails and helps to measure precise height of the infant. Surface parts of infantometer can be easily cleaned. High quality material increases its durability and provides longer life.

MAIN FEATURES :
- Infantometer designed to measure height of infants.
- Height measuring board is provided with graduations marked on two sides for easy measurements.
- Free from sharp edges and corners.
- Simple and fast setup, no tool (screw driver, etc.) required.
- Measuring Length : 100 cm.
- Graduation : 1 mm.

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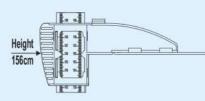Specifications are subject to change without piror notice.

Stadiometer : PSM SERIES

MAIN FEATURES :

- Stadiometer designed to measure height of adults and children.
- Height Measuring Board with double sided graduation paralled to board for easy measurement.
- Width of Measuring board : 5.5 cm.
- Firm and flat Foot Plate with spirit level indicator and adjustable feet to check flat surface on uneven ground.
- Measuring Slide with friction mechanism for preventing from dropping when released.
- Free from sharp edges and corners.
- Fold up mechanism and low weight makes it compact and portable.
- Simple and fast setup, no tool (screw driver, etc.) required.
- Measuring Length : 200 cm.
- Graduation : 1 mm.

Folded Stadiometer

Height 156cm

Infant Weighing Scale : Spring Type

Model : PDW -25

MAIN FEATURES :

- Infant Weighing Scale, spring type, designed to Measure weight of child using sling and/or weighing trouser.
- Easy Readability in Low Light.
- Easy reset to zero.
- Reading time : 5 seconds.
- Weight Measuring Range : 0 to 25 kg
- Graduation of weighing scale : 100 g
- Provided with 2 non removable hooks. Upper for fixation and lower for attaching weighing trouser or sling.
- Material of Hook : Stainless Steel.
- Material of Dial : ABS with perspex cover.
- Material of Body : ABS
- Material of Calibration Screw : Stainless Steel.
- Can be supplied with both Weighing Trouser and Sling.

Pocket Hanging Scale : PHS SERIES

Gas cylinders weighing,
Courier service, Cargo service,
Poultry farms, Agricultural applications,
Vegetable/Fruit markets, Homes, Offices, Personal use.

MAIN FEATURES :

✦ Attractive Looks with sturdy aluminium die-casted housing.
✦ Versatile, can be used in all applications.
✦ 14 mm clear visible LCD display.
✦ Auto & Manual Hold function for locking stable weight.
✦ Auto-off feature for saving energy.
✦ Low Battery Indication.
✦ Operates on AA size pencil cells, 2 nos. (supplied with scale).
✦ Extremely low power consumption enables longer battery back-up.
✦ Increased width of machine as well as handle for easy and better grip.
✦ Handle has a notch so that the machine can be easily hung for steady weighing.
✦ Sturdy hook with large opening and 360° rotational design.
  Convenient for gas cylinder weighing.
✦ Backlight for display can be provided.

Model	Capacity	Accuracy
PHS - 50	50 kg	10.0 g

Kitchen Scale : NKS SERIES

Specially designed to weigh recipe ingredients accurately.
Ideal for weighing vegetables, fruits & milk products in kitchen.

MAIN FEATURES :

✦ 5 digit, 18 mm LCD display with blue backlight.
✦ Feather touch keyboard.
✦ Operates on AA size batteries, 2 nos or on AC adaptor (Supplied with scale).
✦ Light weight, Portable.
✦ Attractive and easy to use.

Model	Capacity	Accuracy	Platter Size
NKS - 5	5 kg	1.0 g	148 x 147 mm

Weighing Scale with Bluetooth & Mobile APP

- ✦ Works on BLE Bluetooth technology that consumes low power.
- ✦ Compatible with Android based mobile or Tablet PC.
- ✦ Simulates complete front panel of weighing scale (including display and keyboard) on mobile screen.
- ✦ One can see the live weight on mobile screen as well as operate the keyboard of weighing scale from mobile phone.
- ✦ Long distance connectivity for communication (15 meters).
- ✦ Attractive and easy to understand mobile APP.
- ✦ Easy to pair mobile handset with the scale.

Bluetooth technology can be incorporated with any of PHOENIX weighing scales and it can be used in many applications, for example -

✦ **Batch Weighing :** Our weighing scale can create a file (comprising of a number of weight batches) and transfer it to mobile phone using Bluetooth technology. This file can be either stored on the mobile phone or transferred further (via Whatsapp, e-mail etc.) using the "share" option supported by our APP.

✦ **Crane scale :** NHS series can send the live weight data to the supervisor's mobile phone where it is more convenient to see the weight and also to operate keyboard of the scale.

✦ **Person Scale :** Mobile phone can operate Phoenix Person Weighing Scale through Bluetooth to record weights of a person & display the graph.

✦ **3-LED Scale :** Using this app, user can see the comparison between current weight and preset weight by 3 LEDs in the App: RED - HIGH weight; GREEN - CORRECT weight; BLUE - LOW weight. The detailed weighment records with 'HIGH', 'CORRECT' or 'LOW' tags can be transferred to the user's mobile phone using this app. These records can be further shared in excel/pdf/text format from your mobile phone. The user may also use this app as a remote real-time display and remote controller for Phoenix weighing scales. This app is extremely suitable for filling, packing and check-weighing applications. The Phoenix 3-LED Scale App is available for free on the Google Playstore.
This app is compatible with Phoenix NPW, NEW and NEP 3-LED scales and works with Android version 4.4.1 (Kitkat) and above.

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Currency Counting Machine : PLNC SERIES

PLNC-3

Detects **Pre 2005** Notes

100% Indigenously designed. Simple user interface makes it easy to operate. Sturdy and heavy design combined with modern electronic technology ensures accurate counting and detection of faulty/counterfeit notes. Attractive and elegant front panel design with LED indications makes it a "dream-come-true" model.

MAIN FEATURES :

- ✦ 9-key keyboard makes it easy to operate.
- ✦ Automatically detects faulty/counterfeit notes using Ultraviolet, Magnetic, Infrared sensors.
- ✦ Width variation of notes is detected by Optical sensor.
- ✦ Capable of Double Note detection.
- ✦ Sensitivity of Ultraviolet, Magnetic, Infra-red and Optical sensors are settable.
- ✦ Bright, easy-to-read LED display.
- ✦ Display : 3-digit for Current Count, 4-digit for Last Count, Add Count, Batch Count.
- ✦ LED indicators to show modes of operation and errors detected.
- ✦ It detects various parameters for authenticity of notes and indicates various errors observed.
- ✦ Modes of operation : Auto Start, Add, Batch, Bundle Check.
- ✦ Machine stops working beyond specific Low/High Voltages, eliminating counting errors and probable damages.
- ✦ Thermal Protection circuit for induction motor.
- ✦ Suitable for Indian Currency.
- ✦ Detects pre 2005 Indian currency notes.
- ✦ Extra display containing all the features of main display panel.

SPECIFICATIONS :

- ✦ Counting Speed : ≥100 Pcs/6 seconds
- ✦ Dimensions   : 256mm(L) x 304mm(W) x 178mm(H)
- ✦ Net Weight   : 5.4 kg
- ✦ Power Supply   : 230 V AC ±10%, 50Hz ±2%
- ✦ Hopper Capacity :   200 pcs
- ✦ Stacker Capacity :   200 pcs

Extra Display

Disclaimer : Counterfeit/faulty note detection functionalities are merely an aid for detection. Their validation should be seen as indication to suspected notes and not as authenticator of counterfeit notes.

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Currency Counting Machine : PLNC SERIES

PLNC-4

Indigenous design and manufactured in India. Simple user interface makes it easy to operate. Sturdy and heavy design combined with modern electronic technology ensures accurate counting and detection of faulty/counterfeit notes. Elegant front panel design with LCD display and backlight makes it a "dream-come-true" model.

MAIN FEATURES :

- 9-key keyboard makes it easy to operate.
- Automatically detects faulty/counterfeit notes using Ultraviolet, Magnetic, Infrared sensors.
- Width variation of notes is detected by Optical sensor.
- Capable of Double Note detection.
- Sensitivity of Ultraviolet, Magnetic, Infra-red and Optical sensors are settable.
- Clear and crisp LCD display with backlight provides clear visibility from every angle.
- Modes of operation and errors detected are displayed on the LCD screen.
- It detects various parameters for authenticity of notes and indicates various errors observed.
- Modes of operation : Auto Start, Add, Batch, Bundle Check.
- Machine stops working beyond specific Low/High Voltages, eliminating counting errors and probable damages.
- Thermal Protection circuit for induction motor.
- Suitable for Indian Currency.
- Extra display containing all the features of main display panel.

Extra Display

SPECIFICATIONS :

- Counting Speed   : ≥100 Pcs/6 seconds
- Dimensions   : 256mm(L) x 304mm(W) x 178mm(H)
- Net Weight   : 5.4 kg
- Power Supply   : 230 V AC ±10%, 50Hz ±2%
- Hopper Capacity   : 200 pcs
- Stacker Capacity : 200 pcs

Disclaimer : Counterfeit/faulty note detection functionalities are merely an aid for detection. Their validation should be seen as indication to suspected notes and not as authenticator of counterfeit notes.

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Mix Note Value Counting Machine : PVC-101

NEW

Sturdy design combined with modern electronic technology ensures accurate counting with value and detection of counterfeit notes. Simple user interface makes it easy to operate.

SALIENT FEATURES :

- Colour TFT Display and 21-Key keyboard.
- LCD Extra display shows Counted pieces, Amount (Value) and counterfeit parameters.
- Display flashes red light when observes counterfeit note.

MAIN FEATURES :

- It shows denomination wise counted pieces and total value.
- Denomination sort function.
- Automatic Start, Stop and Clear.
- Automatically detects faulty / counterfeit notes using UV, MG, IR, 3D and Colour detection while counting.
- Modes of operations : MIX Mode, SORT Mode, DETECT Mode, COUNT Mode, BATCH Mode, ADD Mode.
- VOICE and self-examination functions.
- Software can be updated through RS-232 port.
- Specially designed and developed for Indian Currency.

ACCESSORY :

- Thermal Printer
  Prints denomination wise quantity, amount and total value of counted notes.

SPECIFICATIONS :

- Counting Speed   : ≥1000 Pcs/min.
- Hopper Capacity   : 300 pcs
- Stacker Capacity   : 300 pcs
- Net Weight   : 6.4 kg
- Dimensions   : 320 mm (L) x 250 mm (W) x 180 mm (H)
- Size of countable notes : Width - 50 mm x 110 mm & Length - 90 mm x 190 mm.
- Power Supply   : 230 V AC ±10%, 50Hz

Disclaimer : Counterfeit/faulty note detection functionalities are merely an aid for detection. Their validation should be seen as indication to suspected notes and not as authenticator of counterfeit notes.

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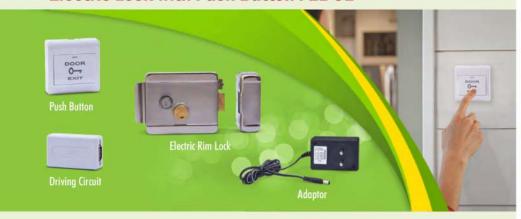
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Taxi/Rickshaw Fare Meter : PFM SERIES

MODELS :

PFM - 101 (Without Flag)
PFM - 102 (With Flag)

MAIN FEATURES :

+ Highly compact, attractive looking and sturdy.
+ Easy-to-read RED LED display.
+ Indication for Night Mode.
+ Time, Date programmable.
+ Separate display fields for Fare, Waiting Time and Distance Travelled.
+ Indications to show current mode of operation(For Hire / Hired / To Pay).
+ Time is shown on WAIT/RTC display when the meter is in FOR HIRE mode.
+ Buzzer Indication while changing the mode or while updating the Fare.
+ Indication at the back side of meter for indicating whether the vehicle is hired or available for hiring.
+ Memory recall gives the details of last trip.
+ Approved by RTO.
+ Available in ABS as well as Aluminium body.

ACCESSORIES :

+ 24 col dot matrix / Thermal Printer.
+ Meter mounting bracket.
+ RS-232 C Interface
+ Real Time Clock (RTC).

24 col dot matrix printer

Electric Lock with Push Button : EL-01

Push Button

Driving Circuit

Electric Rim Lock

Adaptor

Secure and Automize your home at minimum cost and installation.

MAIN FEATURES :

+ This consists of electric lock, lock opening circuit, adaptor and push button.
+ Unlock your door by pressing the push button.
+ More than one push/exit buttons can be installed.
+ Simple 2-wired connections.
+ Reliable and secure.
+ The lock can also be opened manually or by keys.
+ Easy installation.
+ Convenient to use.

ACCESSORIES :

+ Electric lock for wooden door.
+ Electromagnetic lock for glass door.
+ Exit button.

APPLICATIONS :

+ Homes.   + Hospitals.   + Offices and other commercial establishments.

Access Control System (with electric lock) : ACS SERIES

Outdoor Unit

Push Button

Electric Rim Lock

RFID Keychain

RFID Card

Secure and automize your home & workplace with our Access Control System.

MAIN FEATURES :

◆ Unlock the door by valid RFID card or by entering the correct password.
◆ Card capacity: 1000. ◆ Card sensing distance: 5 cm. ◆ In-built tamper alarm.
◆ Modes of operation: (A) Card OR Password. (B) ONLY Card. (C) Card AND Password.
◆ Fully secure and compatible electric lock is also provided.
◆ Can connect to additional electric doorbell and separate exit button (to unlock the door).
◆ Card validity feature is also available using in-built RTC. User can set up the number of days for which each card should be active. Once this period is over, the card cannot access the system.
◆ Single door access controller as well as multi-door access controller systems are available. User cards can be configured to have access to selected systems.
◆ Easy process of adding/deleting/reading/blocking RFID cards.
◆ System with access records is also available. User can get the date-wise access records, card-number-wise access records and block-listed cards reports in excel format on Pen drive, directly from the Access Control System.
◆ Easy installation with single power supply (adaptor) for the system as well as the lock.
◆ Sleek and attractive design with easy user interface. ◆ Dimensions : Access control system: 120(L) x 90(W) x 21(D) mm

AVAILABLE MODELS:

Sr. No.	Model	Description
1.	ACS - 101	Basic Model
2.	ACS - 102	Basic model + date validity feature (in-built RTC)
3.	ACS - 103	Basic model + in-built RTC + USB host port for pen drive to store up to 5,000 records.
4.	ACS - 104	Basic model + in-built RTC + USB host port for pen drive to store up to 40,000 records.

ACCESSORIES :

◆ Electric lock for wooden door.
◆ Electromagnetic lock for glass door.
◆ RFID Card. ◆ RFID keychain. ◆ RFID wrist band.
◆ Exit Button. ◆ USB reader/writer with PC software.

APPLICATIONS :

◆ Offices, showrooms, shops, factories & commercial establishments.
◆ Banks. ◆ Gymnasiums, health clubs. ◆ Building entrance.
◆ Schools, colleges, libraries, coaching classes.
◆ Hospitals. ◆ Storage godowns, warehouses. ◆ Homes.

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CIN : L31909MH1999PLC119231
Corp. Office : J-25, J-26, M.I.D.C., Awdhan, DHULE - 424006 (M.S.) INDIA.
Tel. : +91-2562-295181, 295281

E-mail : response@nitiraj.net   **Website** : www.nitiraj.net

Specifications are subject to change without prior notice.

Remote Controlled Lock : PWL-RF/BT

Android App

RF Remote

Control Box

Electric Rim Lock

Have a smart, keyless and safe entry into your home.

MAIN FEATURES :

◆ This consists of a control box, 2 RF remotes and an electric lock.
◆ Fully secure and compatible electric locks are also provided.
◆ Unlock your door remotely with:
   (A) Wireless RF remote controller: up to 15 meters range (approx);
   (B) Android mobile phone using 'Phoenix Bluetooth Lock' App: up to 10 meters range (approx).
◆ Mobile app based unlocking is password protected.
◆ Reliable, secure and convenient to use.
◆ Easy installation and set-up with single power supply for the system as well as the lock.
◆ Also compatible with all Phoenix entry systems.
◆ Wired exit buttons can also be connected to unlock.
◆ The lock can also be opened manually or with keys.
◆ Dimensions : Control box: 155 (L) x 150 (W) x 58(D) mm

ACCESSORIES :

◆ Electric lock for wooden door.
◆ Electromagnetic lock for glass door.
◆ Exit button.
◆ Extra RF Remote.

APPLICATIONS :

◆ Homes, bungalows, apartments.
◆ Offices and other commercial establishment.

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Audio Door Phone (with Electric lock) : ADP-101

Electric Rim Lock

Outdoor Unit

Indoor Unit

MAIN FEATURES :

- This consists of outdoor bell unit, indoor phone unit and compatible electric lock.
- Wired analog audio door phone system.
- Whenever your visitor presses the outdoor bell, you get a call on the indoor phone unit.
- Talk to your visitor conveniently from the indoor phone. Achieve 2-way, full duplex clear audio communication between you and your visitor.
- Unlock your door with just the push of a button on the indoor phone unit. Fully secure and compatible electric locks are also provided.
- Upto 3 indoor phone units can be connected with one outdoor bell.
- Outdoor bell unit, additional indoor phone units as well as the lock are powered up by in-built SMPS in single indoor phone unit, enabling convenient wiring and installation.
- Can connect to additional electric doorbell and separate exit button (to unlock the door).
- Easy installation.
- Simple and reliable wired connections.
- Attractive design and convenient to use.
- Dimensions : Outdoor bell unit: 126(L) x 91(W) x 47(D) mm
               Indoor phone unit: 233(L) x 98(W) x 76(D) mm

ACCESSORIES :

- Electric lock for wooden door.
- Electromagnetic lock for glass door.
- Exit button.
- Additional indoor phone unit.

APPLICATIONS : ✦ Homes. ✦ MRI/CT centers, hospitals. ✦ Offices.

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Video Door Phone (with electric lock) : VDP-101

Indoor Touch Screen

Electric Rim Lock

Outdoor Unit

MAIN FEATURES :

- This consists of outdoor bell unit, indoor screen unit (177.8 mm LCD screen and touch keypad), power adaptor and compatible electric lock.
- Simple, reliable and convenient wired analog video door phone system.
- Whenever your visitor presses the outdoor bell, you get a call on the indoor screen unit.
- See and talk to your visitor conveniently from the indoor screen. Achieve 2-way, full duplex clear and hands-free communication between you and your visitor.
- Unlock your door with just a touch on the indoor screen. Fully secure and compatible electric locks are also provided.
- Night Vision: See visitors clearly even at night with IR vision camera.
- Real-time surveillance of home surroundings from the indoor screen, anytime.
- Multiple settings on indoor screen: Ring volume, brightness, backlight intensity, contrast, lock opening delay, etc.
- Outdoor bell unit as well as the lock are powered up by indoor screen unit resulting in convenient wiring and installation.
- Can connect to additional electric doorbell and separate exit button (to unlock the door).
- Sleek design.
- Dimensions : Outdoor bell unit : 126 (L) x 91 (W) x 47 (D) mm
               Indoor screen unit : 241(L) x 162(H) x 58 (D) mm

ACCESSORIES :

- Electric lock for wooden door.
- Additional indoor screen unit.
- Electromagnetic lock for glass door.
- Exit Button.

APPLICATIONS : ✦ Bungalows ✦ Apartments ✦ Clinics, Hospitals.

WiFi video doorbell with mobile app is also available.

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Shutter / Door Alarm - PDAS Series

Keep your shop / home secured!

MAIN FEATURES :

- This alarm system can be installed on a shutter or a door and it gives out a loud siren on intrusion.
- Highly reliable key-enabled micro-controller system for single door or shutter.
- On entering if the alarm is not disabled within 15 seconds, it gives out a loud siren, indicating intrusion.
- Piezo electric buzzer of approx 85 dB gives loud sound output on intrusion.
- Unlock your door with just a touch on the indoor screen. Fully secure and compatible electric locks are also provided.
- Operates on AA cells, 4 nos. (Supplied with the machine). Requires no electric connection.
- Long battery life of about 8 months.
- Compatible with all PHOENIX door entry systems.
- Dimensions : 200(L) x 78(W) x 46(H) mm

APPLICATIONS : + Shops + Homes + Offices.

Hotel Automation

Hotel Room RFID Lock   Hotel Room Number Plate   RFID Card Power Switch

MAIN FEATURES :

Hotel Room RFID Lock :

- Stainless steel head and handle.
- Battery powered (4 x AA batteries).
- RFID card keys : 'No Touch' unlock.
- Backup mechanical key to unlock the door.
- Door lock management software.

RFID Card Power Switch :

- Insert the RFID card key to provide power supply to the entire room.
- Power supply of the room gets automatically cut off when RFID card is removed.
- Power saving.
- Can control all lights and appliances of the room.
- Simple and reliable connection.
- Works ONLY with compatible RFID card.

Hotel Room Number Plate :

- Stylish and attractive design.
- Acrylic panel with LED display and touch screen buttons.
- Four different LED light indications for :
  - Please Clean Up.
  - Do Not Disturb.
  - Please Wait.
  - Doorbell.
- Easy to install.
- Customized room number plates and RFID cards with your 'Hotel Name' can be made.

WHY CHOOSE US?

PHOENIX®

✦ All our products are developed, designed and manufactured by us in-house.

✦ We have 30-years' experience in electronic products - manufacturing, servicing and installation.

✦ As we have developed the products in-house, we can also customize / add features as per your requirement.

✦ All our products are covered under 1-year warranty.

✦ We strive to provide the best after-sale service and support.

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