

PRODUCT BROCHURE

MARKING PRINTERS

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ABOUT US

Petrolia Global Limited is among the leading manufacturers and exporters of a wide range of products used in the electrical industry.

PG follows a "ZERO DEFECT" program in product delivery.

A team owns their definition of quality. It is for them then a continuous journey to fulfill the motive and then go through an ever increasing cycle of improvements until the horizon is at sight. Each inputs, each hurdles are considered a new pit stop of learning opportunity in order to make the product or service or both better. A new milestone is set as soon as the one being pursued is covered.

PG live by the above concept and the team strive to sustain the spirit in each step. In PG we set high standards for performance, we create processes and procedures that will best support the achievement of those standards; we measure performance according to those standards and run stringent quality control programs.

We have advanced production equipment and a professional technical team, uphold the beautiful vision of "becoming the most trustworthy and friendly partner in the hearts of our partners" and shoulder the important responsibility of "providing customers with excellent products and services

In terms of plastic substrates, we provide various types of high-quality substrates, such as PVC, PET, PETG, PP, PE, PS, ABS, to meet the needs of different industries

In the field of plastic derivatives processing, we have rich experience and exquisite craftsmanship, and can carry out coating, compounding, die-cutting, punching and other processing methods to produce high-quality placemat, chair cushion plastic sign, tympanic skin, indentation strip etc.



Cable ID Printer

CP 817



CP 819



Performance parameter

printing method	thermal transfer	printing speed	45 segments/min (half-cut , 20mm segment length)
resolution	300dpi	show	LED white backlight two-segment content display
ribbon color	black/red/white	Input	Chinese/English /electrical symbols
sticker color	yellow/white	storage capacity	100 files
consumable type	sleeve/sticker/heat shrink tube	cutting method	automatic half/full cut
sticker specifications	6mm 、9mm 、12mm	pipe entry method	automatic tube feeding
casing specifications	0.5mm ² ~10mm ²	keyboard	85-key standard keyboard
heat shrink tube specifications	φ1.0mm~φ6.0mm	power supply	12V-3A
font size selection	sizes 1~7	dimensions	325mm×270mm×90mm
section length setting	6~100mm	weight	3kg
repeat times	1~200 times	environment	Temperature 5°C-35°C humidity 15%-80% RH



Cable ID Printer

Application scenarios



Number tube



Heat shrink tube



Sticker identification



Terminal identification

Consumables

Type	Name	Model
Ribbon	black ribbon (100 meters/box)	CP-801B
	white ribbon (100 meters/box)	CP-802W
	red ribbon (100 meters/box)	CP-803R
Sticker	6mm yellow sticker (16 meters/box)	CP-806Y
	6mm white sticker (16 meters/box)	CP-806W
	9mm yellow sticker (16 meters/box)	CP-809Y
	9mm white sticker (16 meters/box)	CP-809W
	12mm yellow sticker (16 meters/box)	CP-812Y
	12mm white sticker (16 meters/box)	CP-812W
Cutter set		CP-HC12





Barcode Printer

CT 310/CT 610



Performance parameter

printing method	thermal transfer thermal sensitivity	Ribbon width	max :110 mm
resolution	CT 310:300dpi CT 610:600dpi	Inner diameter of ribbon reel	25.4mm(1")
Maximum print speed	CT 310:127mm (5")/s CT 610:50.8mm (2")/s	RAM&Flash	64MB/8MB
Maximum print width	106mm	Power specifications	AC 100-240V, 2.5A, 50-60Hz
Maximum print length	CT 310:2032mm (80") CT 610:508mm (20")	Sensor	paper space,black line marker, ribbon roll,print head
Minimum print length	10mm(0.39")	Bar code	code 39\93\128\128M; EAN 8\13;UPC A\E;QR Code
Label type	Continuous,gap,perforated black marker,folding label	Standard interface	CT310:USB 2.0,TF card CT610:USB 2.0,TF card,Network Port,RS-232
Label width	20~115 mm(0.78"~4.5")	Optional interface	CT310:Network Port,RS-232,Bluetooth CT610:Bluetooth dual-mode
Label thickness	0.1 ~ 0.6mm	External dimensions(mm)	326*230*180 With a cutting knife: 354*230*180
Maximum outer diameter of label	Inside the warehouse: 127mm	Weight	2.45KG
Inner diameter of label reel	25.4mm(1")	Work environment	temperature:5°C~40°C humidity:25%~85% RH
Ribbon length	300m	Storage environment	temperature:-40°C~60°C humidity:10%~90% THPL



Barcode Printer (Industrial grade)

IE 340
Industrial grade



Performance parameter

printing method	thermal transfer thermal sensitivity	Ribbon width	max :110 mm
resolution	300dpi	Inner diameter of ribbon reel	25.4mm(1")
Maximum print speed	200mm/s	RAM	256MB
Maximum print width	106mm	Flash	16MB
Minimum print length	3mm	Power specifications	AC 100-240V, 2.5A, 50-60Hz
Label type	Continuous,gap,perforated black marker,folding label	Sensor	paper space,black line marker, ribbon roll,print head
Label width	20~120 mm	Interface	USB 2.0,Network Port,Serial Port
Label thickness	0.06~1mm	External dimensions(mm)	455*246*285
Maximum outer diameter of label	Inside the warehouse: 200mm	Weight	10KG
Inner diameter of label reel	25.4mm~76.2mm(1 " ~3 ")	Work environment	temperature:10℃~50℃ humidity:10%~93%
Ribbon length	max:450m	Storage environment	temperature:-20℃~70℃ humidity:10%~93%



Barcode Printer

Ribbon

■ Various colors and specifications

■ Wax based carbon ribbon

■ Resin based carbon ribbon

■ Mixed carbon ribbon



Printing materials





Multi-funtion Plate Printer



Function and Features

- Can print signs of PVC, ABS, PET and other materials.
- Fully automatic continuous entry function, suitable for importing and printing large quantities of labels.
- High-speed printing, wider printing range.
- Clear printing and strong weather resistace.
- Professional editing software makes making signage more convenient and faster.
- You can freely insert graphics, company LOGO, symbols, barcodes, borders, tables and other elements to make your signage design richer and more beautiful.
- Able to directly import data in Excel tables in large batches to achieve large-volume printing.



Multi-funtion Plate Printer

Performance parameter

printing method	thermal transfer	Material length	50mm-800mm
resolution	300dpi	printing speed	10pcs/min(32mm×68mm)
display method	power light/status light	cleaning method	cleaning roller: cleaning roller is removable
feeding method	Automatic continuous card input/manual card input	computer connection	USB 2.0 interface
board capacity	50 signs can be placed at one time (1mm/piece)	editing software	compatible with third-party editing software
effective printing width	57mm	compatible systems	winXP,win7,win10,win11
effective print length	800mm	supply voltage	AC200-240V:50-60HZ
ribbon specifications	60mm×100m	dimensions	440mm×340mm×370mm
material type	Rigid board (PVC, ABS, etc.)	weight	9.4KG
material thickness	0.2~3mm	working temperature	5°C-35°C
material width	20mm~80mm	working humidity	15%-80% RH

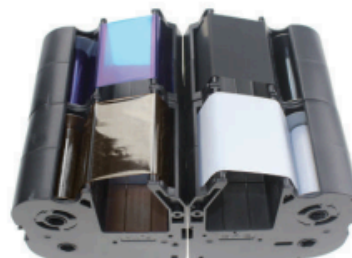
Ribbon

CP-101B (black 100 meters/roll)

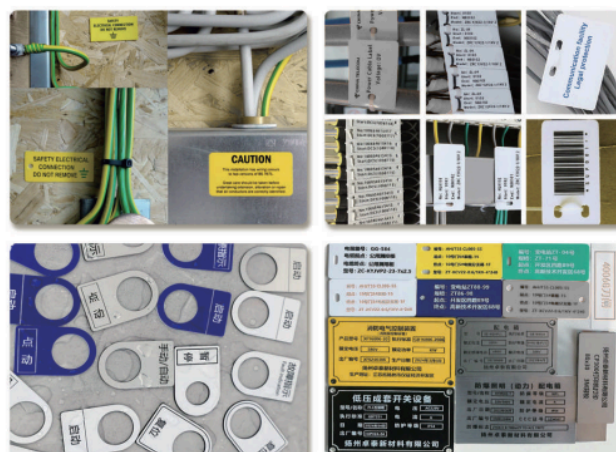
CP-102W (white 100 meters/roll)

CP-103R (red 100 meters/roll)

CP-105BL (blue 100 meters/roll)



Application scenarios





Wide Format Label Printer



KT 320

Performance parameter

printing method	thermal transfer	consumable material	vinyl, resin based
resolution	203dpi	consumable type	Paper roll, carbon ribbon
maximum printing speed	35mm/s	maximum diameter of consumables	143mm
available media width	60~320mm	consumable tube core inner diameter	Paper 76.5mm ribbon 25.4mm
effective printing width	252mm	consumable tube core outer diameter	80.5mm
communication method	bluetooth/USB	paper type	continuous paper, hole gap paper
phone system	Android、iOS	paper thickness	Max 0.38mm
computer system	Windows	print media	rolling paper
charging interface	Type-B	operating temperature	5°C~50°C
power input	AC220V(±10%) 3A(MAX)	working relative humidity	20~70%RH
rated voltage	220V	storage temperature (complete machine)	-10°C~60°C
printer size	560mm×470mm ×240mm	storage temperature (ribbon)	-10°C~40°C
printer weight	33.55kg	storage relative humidity	10~90%RH



Wide Format Label Printer



KT 320S

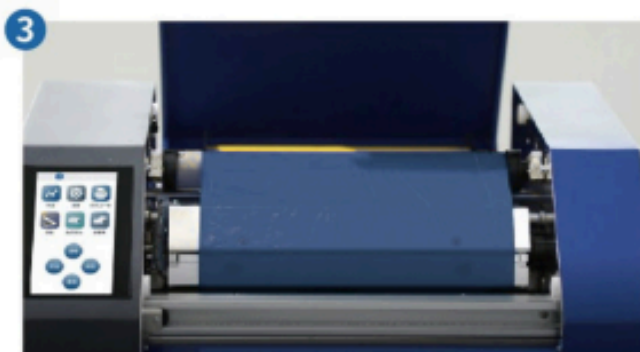
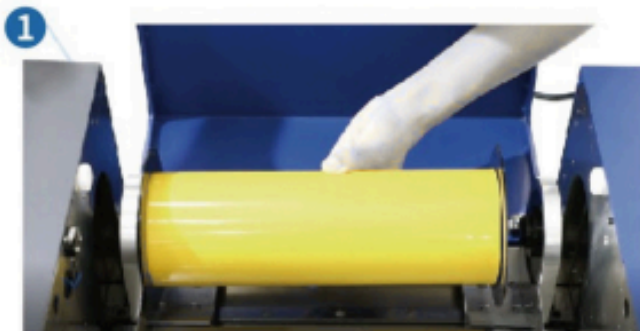
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phone system	Android, iOS	paper thickness	Max 0.38mm
computer system	Windows	print media	rolling paper
charging interface	Type-B	operating temperature	5°C~50°C
power input	AC220V(±10%) 3A(MAX)	working relative humidity	20~70%RH
rated voltage	220V	storage temperature (complete machine)	-10°C~60°C
printer size	560mm×287mm ×258mm	storage temperature (ribbon)	-10°C~40°C
printer weight	22kg	storage relative humidity	10~90%RH



Wide Format Label Printer

Power advantage analysis



practical

It can produce signs with a maximum width of 320mm, which can meet the size requirements of the power grid for signboards to the greatest extent.



durable

Using thermal transfer technology, the printed logo has the characteristics of being clear and durable, resistant to high and low temperatures, moisture, sunlight, and not easy to fade.



intelligent

Equipped with a color touch screen, it can complete automatic paper feeding, automatic paper cutting, and tightening of carbon belts with just one click; Multi functional editing software, suitable for mobile phones and computers.



Safety

Bluetooth connection, mobile printing. Compatible with regular operating systems, no need for networking, secure and reliable.

convenient

Install materials, install ribbon, print labels, all by one person. The editing software is simple and easy to use, no need to learn and get started directly.



Wide Format Label Printer

Consumables list

Ribbon

specification	black	white	red	blue	yellow	green
220mm×100m	KF-SD220BK	KF-SD220WE	KF-SD220RD	KF-SD220BE	KF-SD220YW	KF-SD220GN
280mm×100m	KF-SD280BK	KF-SD280WE	KF-SD280RD	KF-SD280BE	KF-SD280YW	KF-SD280GN

Plastic film with adhesive backing

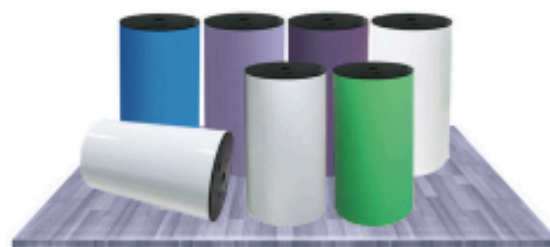
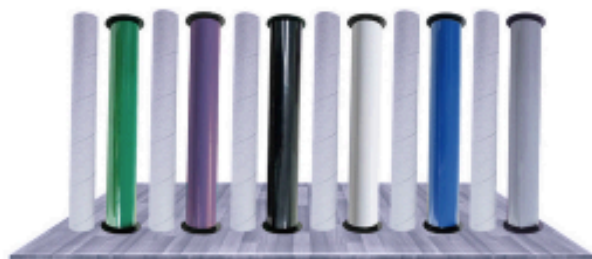
specification	silver reflective	white	red	blue	yellow	green
220mm×20m	KF-FG220SR	KF-FG220WE	KF-FG220RD	KF-FG220BE	KF-FG220YW	KF-FG220GN
260mm×20m	KF-FG260SR	KF-FG260WE	KF-FG260RD	KF-FG260BE	KF-FG260YW	KF-FG260GN
300mm×20m	KF-FG300SR	KF-FG300WE	KF-FG300RD	KF-FG300BE	KF-FG300YW	KF-FG300GN

Aluminum plastic film

specification	white	yellow	red	blue	green
220mm×20m	KF-LS220WE	KF-LS220YW	KF-LS220RD	KF-LS220BE	KF-LS220GN
260mm×20m	KF-LS280WE	KF-LS280YW	KF-LS280RD	KF-LS280BE	KF-LS280GN
300mm×20m	KF-LS300WE	KF-LS300YW	KF-LS300RD	KF-LS300BE	KF-LS300GN

Aluminum plastic film with adhesive backing

specification	white	yellow	red	blue	green
220mm×20m	KF-LS220WEB	KF-LS220YWB	KF-LS220RDB	KF-LS220BEB	KF-LS220GNB
260mm×20m	KF-LS260WEB	KF-LS260YWB	KF-LS260RDB	KF-LS260BEB	KF-LS260GNB
300mm×20m	KF-LS300WEB	KF-LS300YWB	KF-LS300RDB	KF-LS300BEB	KF-LS300GNB





ZT 510

Terminal automatic crimping machine

Rotating peeling
+ twisting wire
+ threading end
+ Crimping
=Complete at once



- **Crimp lug terminal**

ZT 510 terminal automatic crimping machine can press the type of pre-insulated terminal, and can store 100 kinds of cable crimping data.

- **motor drive**

The motor drives and the clamping force is digitally controlled, which can realize the four-sided crimping of terminals that are easy to import in standard machining.

- **Improve efficiency and quality**

It can realize a series of processes such as rapid and accurate peeling, twisting, threading and crimping, so as to improve production efficiency and product quality.



Save labor

Two people can be saved



Improve efficiency

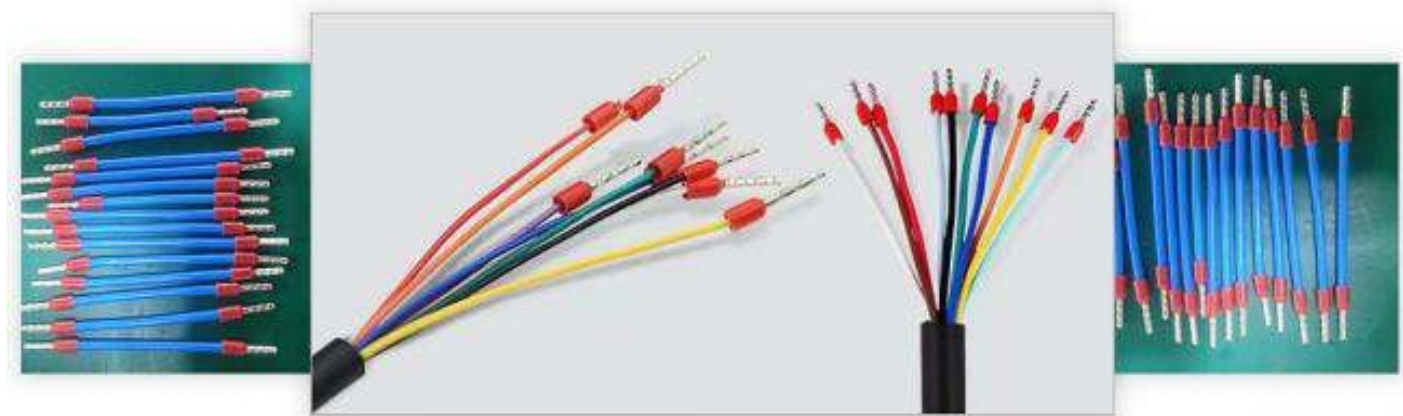
Fast processing speed



improve quality

The crimp is reliable

ZT 510 product parameters		
Model name	Product	ZT 510 terminal automatic crimping machine
superiority	Welding	No mold replacement required, only the material box and terminals need to be replaced.
range		0.3mm ² -6mm ² (maximum crimp length 18mm)
Crimping shape		Press on all sides
Length of skinning		The minimum stripping range of the sheathed wire is 38mm
Unit capacity		1000 - 1300pcs/h
Outline dimension		L565mmxW495mmxH475mm
Weight of bare machine		64KG
Control method		Touch screen and ARM motherboard
Drive mode		Motor and ball screw
Rotating blades		2 pieces (material: tungsten steel)
Trapper		Motor drive, clamping force digital control
Crimping device		Pneumatic crimping
Monitoring unit		Terminal supply detects missing material
Supply voltage		AC220V50/60HZ400W
DC source		Mingwei switch power supply
Work environment		5°C-40°C (recommended constant temperature of 20°C)



Finished product display