



Pharmacy Label Printing Products Catalog

Pharmacy Printers, Labels,
Service, and Supplies

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Cognitive
SOLUTIONS INC.
PRINTING INTELLIGENCE



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CRx Solution Overview

Cognitive Solutions has over 20 years experience helping customers improve their business operations. Cognitive's thermal printing solutions are known for their robust and reliable performance in mission critical applications. Cognitive's printers are time tested and proven in tens of thousands of retail, pharmacy and healthcare applications.



Cognitive's unique CRx printing solution offers pharmacies the ability to save time and money throughout the entire prescription fulfillment process.



Cognitive printers utilize thermal printing technology, a cost effective method for reliably printing prescription labels and patient education documents. Thermal printing has proven to be the most reliable way to print labels, far outperforming other printing technologies.

The CRx printer is the solution for printing prescription labels and patient education documents with speed and reliability, while saving money on energy, maintenance and supplies. The simple media path prevents label jams, ensures long lasting performance, and requires minimal maintenance.



Because the CRx is a thermal printer, the cost and inconvenience of toner replacement is eliminated. The CRx also reduces waste by printing labels only when and where they are needed, using significantly less energy than a laser printer.



The CRx's PCL command compatibility provides the ability to print both labels and forms, and its compact size allows for easy integration into the workplace.



Printing Technology Comparison Table

Printing Technology	CRx (Thermal)	Dot Matrix	Laser
High Quality Barcodes	✓		✓
PCL Command Compatible	✓		✓
Designed for Labels	✓	✓	
Toner Free	✓	✓	
Energy Savings	✓	✓	
Small Footprint	✓		
Fast First Label	✓		
Easy Maintenance	✓		
Jam Free	✓		
Battery Power Backup	✓	✓	
Ribbon Free	✓		

Industry White Papers

Cognitive offers several white papers providing additional information on the advantages of thermal printing for pharmacy applications.

Go to www.compactindustrial.com/pharmacy to access the white papers outlined below:

Adopting PCL as a Thermal Printing Standard Language

Why adopting PCL in the thermal printing industry brings benefits to many industries

Thermal Printing Improves Pharmacy Workflow

How using thermal printers in a pharmacy environment improves workflow efficiencies

Why Thermal Outclasses Laser Printers for Label Printing

Why thermal printing provides a more cost effective technology for printing labels

CRx Printers

Cognitive's CRx printers offer reliability and cost savings not found in laser printing solutions. The CRx's compact footprint, print language compatibility and multiple communications ports make it the right choice for pharmacy applications.

Standard Features

- CPL & PCL compatibility allows easy integration
- Durable metal framed mechanism provides long lasting reliability
- High performance meets the highest demand needs
- Compact footprint will fit anywhere you need a label printed
- Ethernet, serial, parallel, and USB communications ports
- Energy efficient printing saves money and reduces waste



Printer Models & Descriptions

CID4-1330-RX

Printer, Direct thermal, 4.2" print width, 300dpi, CPL & PCL compatible, serial/parallel, Ethernet, USB, & USB A.

CXD4-1330-RX

Printer, w/LCD, Direct thermal, 4.2" print width, 300dpi, CPL & PCL compatible, serial/parallel, Ethernet, USB, & USB A.

Note: All printers include a universal power supply, USB cable, Companion CD, quick start guide, CPL and PCL command compatibility and media spindle.

CRx Printer Specifications

Cognitive printers are built to last. The full metal mechanism ensures these printers are designed for continuous printing and a long life.

Contact Customer Service 1.800.525.2785 ext. 497, or your Sales Representative for more information about the CRx printer.

Printing Specifications

Nominal Printer Size	4"
Print Resolution	300 dpi
Max Print width	4.153" (105.5mm)
Print Speed	2-6 ips
Max Print Length	153" (3886mm)

Physical Specifications

Characteristic	4" Ci or Cxi Printer
Height	7.1" (181mm)
Width	6.9" (175mm)
Depth	10.04" (255mm)
DT Weight	5.91 lbs (Cxi); 5.88 lbs (Ci)

Printer Command Compatibility

Cognitive printers can be controlled with many different printer command languages and emulators.

CPL (Cognitive Programming Language)

CPL is Cognitive's proprietary command language for controlling and printing to Cognitive printers.

PCL (Printer Programming Language)

PCL is the laser printer industry standard programming language for controlling and printing to laser printers.

Emulators

There are numerous printer command language emulators available for Cognitive printers. If you need to replace a non-Cognitive printer, contact Customer Service for assistance.



Prescription Labels

Cognitive manufactures standard pharmacy labels as well as providing custom label design services. The labels shown below represent three standardized die cut label designs, and are available in your choice of colors.



Contact Customer Service or a Sales Representative for samples, different wind options or colors and specifications of the standardized labels.

Standardized Labels

Small Format

The ideal solution when only a prescription label and warning labels are needed. These labels come on a 5 inch diameter roll, with perforations between labels for easy tear off.

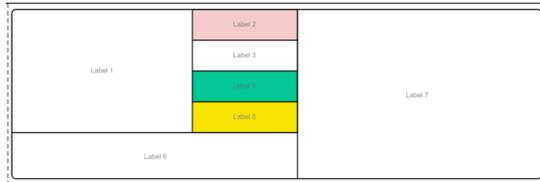


Description

Labels, 2.00" x 4.62", 5" OD, 850 labels per roll, 12 rolls per case
P/N: 03-50-0100: 1 case minimum order.

Large Format

The large format label includes a prescription label, four warning labels plus two more labels for records and receipt.

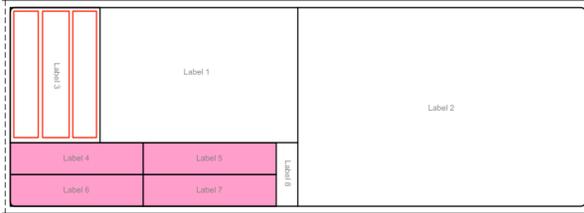


Description

Labels, 2.75" x 8.50", 5" OD, 475 labels per roll, wound in, 12 rolls per case
P/N: 03-50-0101: 1 case minimum order.

Large Format +

The large format plus label has a prescription label, four die cut warning labels, additional space for three more warning labels, a large label for records and a small annotation label.



Description

Labels, 2.75" x 8.0", 5" OD, 500 labels/ roll, 12 rolls/case

P/N: 03-50-0102: 1 case minimum order.

Patient Education Forms

Patient education forms are 4" wide blank continuous thermal paper stock. They are designed to print a CMI (Consumer Medication Information) of any length and meet the Keystone Guidelines. Because they are thermal, no toner is required. Using the forms is easy; simply print the document, fold at the perforations and staple to the bag.



Description

Direct thermal continuous forms, 4" wide, perforations every 6", 900 forms per roll, 5" outside diameter roll, 12 rolls per case.

P/N: 03-50-0104: 1 case minimum order.

Note: The CRx holds one printing media at time and is capable of printing both the prescription label and the patient education documents, by simply changing the media.

Custom Label Services

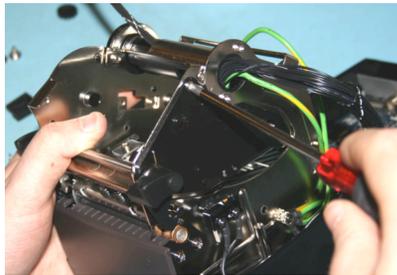
Cognitive custom label services designs labels of any color, shape, and size. With Cognitive's custom label design and production services there is no need for a less than perfect solution. Contact our Customer Service department for your custom label needs.

- Custom Shapes, Sizes and Colors
- Custom Design Services
- Prompt Turn Around

Warranty and Repair Services

The CRx Printer has a 24 month warranty. The printhead has a limited warranty of 1,000,000 inches, or 1 year whichever comes first.

The table below converts the warranty life of the printer to labels printed. The data is *based on 400 prescriptions per day, 365 days per year, for two years.



Size	Printer	Printhead
Small Format	292,000*	218,000
Large Format	292,000*	117,000
Larger Format +	292,000*	125,000

Table - Warranty Printer and Printhead Life in Labels

A Cognitive Authorized Repair Center will repair out of warranty printers or replace the printhead.

The available services are listed below:

- Standard Printer Repair
- Printhead Replacement
- Expedited Repair
- Extended Warranties

Cleaning Supplies

Scheduled preventive maintenance, (PM) will ensure the long life of your printer. Cognitive recommends implementing a routine PM plan to prevent unnecessary failures. Cognitive's cleaning cards are ideal for cleaning the entire media path, platen, and printhead. The cleaning pen should be used in the interim for quick and easy cleaning of the printhead.



The use of 2 to 4 cleaning cards per printer per month, plus 2 cleaning pens per month are recommended for a routine PM plan. The products and pricing Cognitive recommends are listed below.

PART NUMBER	DESCRIPTION	QTY/BOX
14-00-0002	Cleaning Pen	12
14-00-0001	4" Cleaning Card	25

Accessories

Cognitive offers several accessories for use with the CRx printer allowing the printer to be used in advanced applications like on mobile carts.

PART NUMBER	DESCRIPTION
370-002-01	*Auto-Ranging power supply
370-003-01	*US Power Cord
115-008-02	Parallel Cable
115-006-02	Serial Cable
115-007-02	5VDC Serial Adapter
115-005-01	*USB Cable
106-010-04K	Kit, Battery Pack, US
60-71-01-0048-04	Replacement Power Supply for 106-010-04K

* Included with the printer

Association Affiliations



www.asapnet.org (ASAP)

(www.asapnet.org) – ASAP advances the application of computer technology in the Pharmacist’s role.



www.nacds.org (NACDS)

(www.nacds.org) – The National Association of Chain Drug Stores represents Chain Community Pharmacy Practice.

Partners - Warning Labels and Drug Imprints



Architext 2000™ is the most significant electronic pharmacy warning label standard ever developed. The standard is capable of supporting in excess of 22 million warning labels and Drug Imprints. Architext 2000™ (A2K) is the only extended standard supported by First DataBank and Medi-Span. A2K remains the only product on the market today supporting English, Spanish, French and Chinese warning labels.



Drug Imprint Information

Architext has partnered with First DataBank (FDB) to supply Drug Imprint information products, and is supported through FDB's premium IPT database. Our current offering includes 14,000(+) Drug Imprints, pre-formatted for direct use on laser and thermal printers.

Cognitive Support

In partnership with Cognitive, Architext can develop specialized printing requirements such as additional languages, pharmacy logos, corporate fonts and more. Architext can also assist with transitioning applications from laser technology to Cognitive thermal printers while making the transition transparent to your customers.

Please see us at: <http://www.architext.com/cognitive>



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Toll Free: +1.800.525.2785 ext. 497
Fax: +1.303.279.9517
customerservice@cognitive.com

Development Partners

Cognitive welcomes new partners for developing new application solutions. Contact Customer Service if you would like more information about becoming a Development Partner.

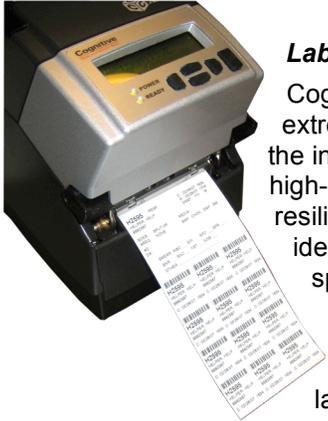
Resellers

Cognitive is strongly focused on the Pharmacy and Healthcare markets. If you are interested in becoming a Pharmacy or Healthcare Reseller of Cognitive printers and consumables, please contact Customer Service and ask to speak to a representative in Sales or Business Development.



Other Cognitive Healthcare Solutions

Cognitive label printers are used throughout the healthcare industry in applications where positive identification using barcodes are critical to patient safety. Below are just a few instances where Cognitive printers have been used to drastically reduce healthcare errors.



Laboratory Systems

Cognitive printers are capable of printing extremely small labels at high resolutions so that the information is clearly legible. These small high-resolutions labels are also very durable and resilient, making them an ideal solution for specimen slides, x-rays, test tubes, blood bags and other laboratory label applications.



Patient Identification

Wristbands are widely used in hospitals and other care facilities for patient identification. Cognitive's thermal wristband printers are the ideal solution for this application. The 2" C Series printer is the only small footprint desktop printers capable of holding a large roll of wristbands and printing in high 300 dpi resolution.



Thermal printing for wristbands is far superior to other printing alternatives such as laser printing where waste and patient information are of concern. Consider the amount of labels that are thrown out daily when an 8 ½ x 11 label sheet is used to print the wristband, not too mention the security issues of disposing of the patient information with the HIPAA guidelines.



Records Management

Anytime a record is produced the hardcopy needs to be identified with a traceable number that cannot be misidentified. There is no better way to do this than using a Cognitive printer to print a small barcode label to be placed on each record or file.

Specimen Collection

Mistakes are often made when specimens are taken from the patient and the handwriting is not legible. Cognitive mobile printers offer reliable and accurate solutions for on-demand, at the point of service label printing.





HEALTHCARE

Thermal Label Printing Solutions