

QuickSpecs



Nisca PR53LE Single Sided ID Card Printer

**Finally, Nisca print quality and reliability in a single sided printer.....
at an affordable price.**

The NEW PR53LE offers industry leading 24-bit color, 256 grayscale, and Nisca reliability in a single sided printer. The PR53LE joins the PR53xx series of printers and has the same Nisca quality, manufactured in there ISO 9001 and 14001 certified production facility. The new printer offers brilliant 24-bit images printed on CR80 and CR79 cards with thicknesses ranging from 20 to 50 mils.

The PR53LE is user friendly, offering features such as automatic cleaning, the industry's first ribbon cassette, quick-change print head, and - as always - Nisca's simple to read and use 2-line LCD display.

The NEW PR53LE offers easy to install USB drivers that are compatible with the latest Windows operating system. Ideally suited to education, corporate, government the PR53LE provides the best combination of reliability, print quality, and warranty coverage in the market today.

Summary of printer features:

- 300dpi dye-sublimation printing technology
- Full color edge to edge printing
- Industry leading 24-bit continuous tone printing
- 256 Grayscale
- USB 2.0 output
- Windows compatibility
- MTBF 100,000 cards
- ISO9001 & ISO14001 Certifications





PR53LE Single Sided QuickSpecs

PR53LE Single Sided ID Card Printer Preliminary Specifications:

Specifications:

Printing system	300dpi, 24-bit continuous tone printing up to 16.7million colors 256-grayscale, 8bit
Printing method	Thermal transfer dye-sublimation
Print media	PVC or polyester cards with polished PVC finish
Media size	CR-80: 3.375" x 2.125" / 85.6 x 54mm CR-79: 3.303" x 2.051" / 83.9mm x 52.1mm
Media thickness	.020" (20mil) to .050" (50mil) / .508mm to 1.72mm
Print area	Edge to edge
Input hopper	100 cards
Output hopper	100 cards
Image memory	8MB with parallel processing, four memory modes
System memory	2.25MB
Display	LCD 16 character 2-line display shows printer status and diagnostic prompts
Print ribbons options	
Print speed*	134 cards per hour (YMCKO)
Interface	USB 2.0
MTBF:	100,000 cards
Dimensions	16.57" (h) x 10.66" (w) x 13.03" (d) / 421 x 271 x 331mm
Weight	26.6lbs. / 13kg
Operating temperature	65 to 80 F / 18 to 27 C
Power source	AC Power source AC100/240v 50/60Hz auto-switching
Agency listing	UL/CE/FCC
Drivers	Windows® compatible
Warranty	2-year return to depot service printer warranty, 1-year unlimited prints print head warranty

* Print speed indicates approximate batch print speed and is measured from the time a card feeds into the printer to the time it ejects from the printer. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is depend on the size of the file, the CPU, the amount of PC memory, the interface (SCSI, USB, Parallel), and the amount of resources at the time of the print job.4

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Nisca PR5300 ID Card Printer

The PR5300 Printer offers brilliant images printed on CR80 and CR79 PVC cards with thicknesses ranging from 20 to 50 mils. Offering Nisca's high quality design capabilities, the PR5300 series provides a very well priced full-featured printer.

Originally introduced in 2000, the PR5300 has proven its performance and reliability over the years in applications such as driving licenses, printing bureaus, access control badges, and standard corporate identification cards.

The series offers many add-on modules that include magnetic stripe as well as in-line over-lamination with full 1.0mil patch and thinfilm / foil edge-to-edge materials.

Today the printer sells on its strong reliability, excellent price point, and brilliant image reproduction. And now it features a two-year warranty, so it's a safe investment for your identification card printing needs.

Summary of Printer Features:

- Full color edge to edge printing
- 300dpi dye-sublimation printing technology
- Industry leading 24-bit continuous tone printing
- 103 cards per hour printing speed
- Dual sided printing
- Dual sided lamination with alternating patch options
- USB 2.0, Micro SCSI II, or Parallel
- Full Windows compatibility
- Variable UV printing
- ISO9001 & ISO14001 Certifications

Summary of Printer Accessories:

- Security over-laminate
 - 1mil patch
 - Thinfilm/foil
- Encoding
 - Magstripe

Cleaning Kits

- Fully accessorized 10,000 print kits



PR5300 ID Card Printer Specifications:

Specifications:

Printing system	300dpi, 24-bit continuous tone printing, 16.7million colors
Printing method	Thermal transfer dye-sublimation
Print media	PVC or polyester cards with polished PVC finish
Media size	CR-80: 3.375" x 2.125 / 85.6 x 54mm CR-79: 3.303" x 2.051" / 83.9mm x 52.1mm
Media thickness	.020" (20mil) to .050" (50mil) / .508mm to 1.72mm
Print area	Edge to edge
Input hopper	100 cards
Output hopper	100 cards
Image memory	8MB with parallel processing, four memory modes
System memory	2.25MB
Display	LCD 16 character 2-line display shows printer status and diagnostic prompts
Print ribbons options	
Print speed*	
YMCO Single side:	104cards/hr
YMCO/K Dual side:	66cards/hr
YMCKO/K Dual side:	60cards/hr
YMCK/K w/ Lam:	84cards/hr
YMCK w/ Lam:	72cards/hr
Encoding options	Offering integrated driver control for all encoding that includes: - ISO standard Magstrip w/ dual high- and low-coercivity std.
Interface	USB 2.0, Mico-SCSI II or Parallel
Dimensions	16.57" (h) x 10.66" (w) x 13.03" (d) / 421 x 271 x 331mm
Weight	26.6lbs. / 13kg
Operating temperature	65 to 80 F / 18 to 27 C
Power source	AC Power source AC100/240v 50/60Hz auto-switching
Agency listing	UL/CE/FCC
Drivers	Windows compatible
Warranty	2-year return to depot service printer warranty, 1-year unlimited prints print head warranty
Options:	PR5302 Laminator PR5301 Magstripe encoder

* Print speed indicates approximate multiple job print speed and is measured from the time a card feeds into the printer to the time it ejects from the printer. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is depend on the size of the file, the CPU, the amount of PC memory, the interface (SCSI, USB, Parallel), and the amount of resources at the time of the print job.

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Nisca PR5310 Smart Card Printer

The PR5310 Printer offers brilliant images printed on CR80 and CR79 PVC cards with thicknesses ranging from 20 to 50 mils. Offering Nisca's high quality design capabilities, the PR5310 provides a very well priced full-featured printer with encoding and reading modules for the most popular smart card applications

The PR5300 Series was originally introduced in 2000, the series has proven its performance and reliability over the years in applications such as driving licenses, printing bureaus, access control badges, and standard corporate identification cards. The addition of the PR5310 to the family occurred in June 2004.

The PR5310 offers many add-on modules that include magstripe, IC chip, and RFID encoding, as well as in-line over-lamination with full 1.0mil patch and thinfilm / foil edge-to-edge materials.

The PR5310 currently provides support for:

- HID Corporation's Prox and *iCLASS*[®] smart card technology
- Philips Corporation's MIFARE[®] smart card technology
- Legic's[®] smart card technology
- Gemplus's contact chip smart card technology

All modules are integrated into the printer for seamless printing/reading/encoding functions. The Nisca printer offers a unique bi-directional communication feature that allows constant communication between the printer, the PC, and the encoding/reading module, providing foolproof encoding and data security. A software development kit is available from Team Nisca at no-charge to allow for easy integration of the necessary commands.

Summary of Printer Features:

- Full color edge to edge printing
- 300dpi dye-sublimation printing technology
- Industry leading 24-bit continuous tone printing
- 103 cards per hour printing speed
- Dual sided printing
- Dual sided lamination with alternating patch options
- Micro SCSI II, Parallel, and USB output
- Full Windows compatibility

Summary of Printer Accessories:

- Security over-laminate
- Encoding
 - Magstripe
 - IC Contact
 - RFID
- LaserCard



PR5310 Smart Card Printer Specifications:

Specifications:

Printing system	300dpi, 24-bit continuous tone printing, 16.7million colors
Printing method	Thermal transfer dye-sublimation
Print media	PVC or polyester cards with polished PVC finish
Media size	CR-80: 3.375" x 2.125" / 85.6 x 54mm CR-79: 3.303" x 2.051" / 83.9mm x 52.1mm
Media thickness	.020" (20mil) to .050" (50mil) / .508mm to 1.72mm
Print area	Edge to edge
Input hopper	100 cards
Output hopper	100 cards
Image memory	8MB with parallel processing, four memory modes
System memory	2.25MB
Display	LCD 16 character 2-line display shows printer status and diagnostic prompts
Print ribbons options	
Print speed*	<u>PR5310</u>
YMCO Single side:	104cards/hr
YMCO/K Dual side:	72cards/hr
YMCKO/K Dual side:	66cards/hr
YMCK/K w/ Lam:	84cards/hr
YMCK w/ Lam:	72cards/hr
Encoding options	Offering integrated driver control for all encoding that includes: - ISO standard Magstrip w/ dual high- and low-coercivity std. - Contact IC Chip - MIFARE [®] , Legic [®] , HID Prox, HID <i>iCLASS</i>
Interface	SCSI II, Parallel, and USB
Dimensions	16.57" (h) x 10.66" (w) x 13.03" (d) / 421 x 271 x 331mm
Weight	26.6lbs. / 13kg
Operating temperature	65 to 80 F / 18 to 27 C
Power source	AC Power source AC100/240v 50/60Hz auto-switching
Agency listing	UL/CE/FCC
Drivers	Windows [®] compatible
Warranty	2-year return to depot service printer warranty, 1-year unlimited prints print head warranty
Options:	PR5302 Laminator

* Print speed indicates approximate batch print speed and is measured from the time a card feeds into the printer to the time it ejects from the printer. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is depend on the size of the file, the CPU, the amount of PC memory, the interface (SCSI, USB, Parallel), and the amount of resources at the time of the print job.

** RFID encoding capabilities differ depending on technology, please consult Team Nisca for more details.

HID and *iCLASS*[®] are registered trademarks of HID Corporation. Other brands and names contained in this release are the property of their respective owners.

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Nisca PR5350 High-Speed ID Card Printer

The NEW PR5350 offers a small foot-print, 24-bit color, 256-Grayscale, security lamination, encoding options and prints at the astounding speed of over 158 cards / hour.

The PR5350 joins the PR5300 series of printers and has the same Nisca quality, manufactured in their ISO certified production facility. The new printer offers brilliant 24-bit images printed on CR80 and CR79 cards with thicknesses ranging from 20 to 50 mils

The PR5350 is available with options for MagStripe, IC Chip, RFID reading and encoding; and also security lamination with the addition of the PR5302 laminator. Variable UV printing is also available for an additional security layer.

Summary of printer features:

- High-speed printing:
 - 158 cards per hour - YMCO
 - 136 cards per hour - YMCKO
 - 116 cards per hour - YMCKO / K (dual sided print)
 - 104 cards per hour - YMCKK / K / Laminate (dual sided print / single side lamination)
- Full color edge to edge printing
- 300dpi dye-sublimation printing technology
- Industry leading 24-bit continuous tone printing
- 256-Grayscale
- Dual sided printing
- Dual sided lamination with alternating patch options
- USB 2.0 and Micro SCSI II output
- Full Windows compatibility
- IP Networking addressing via JetDirect device fully supported
- Automated cleaning mechanism
- MTBF 100,000 cards
- ISO9001 & ISO14001 Certifications

Summary of optional accessories:

- Security Overlamination w/ PR5302
 - 1mil Patch style
 - Thinfilm / foil
- Encoding
 - MagStripe
 - IC Contact
 - RFID
- Cleaning
 - Fully accessorized 10,000 print kit



This Preliminary QuickSpec is subject to change at any time. Production units and stock will be available late Q4/2004 to early Q1/2005.

PR5350 High Speed ID Card Printer Preliminary Specifications:

Specifications:

Printing system	300dpi, 24-bit continuous tone printing, 16.7million colors
Printing method	Thermal transfer dye-sublimation
Print media	PVC or polyester cards with polished PVC finish
Media size	CR-80: 3.375" x 2.125" / 85.6 x 54mm CR-79: 3.303" x 2.051" / 83.9mm x 52.1mm
Media thickness	.020" (20mil) to .050" (50mil) / .508mm to 1.72mm
Print area	Edge to edge
Input hopper	100 cards
Output hopper	100 cards
Image memory	16MB with parallel processing, four memory modes
System memory	2.25MB
Display	LCD 16 character 2-line display shows printer status and diagnostic prompts
Print ribbons options	
Print speed*	<u>PR5350</u>
YMCO Single side:	158 cards / hr
YMCKO Single side:	136 cards / hr
YMCKO/K Dual side:	116cards / hr
YMCK/K w/ Lam:	104 cards / hr
Encoding options	Offering integrated driver control for all encoding that includes: - ISO standard Magstrip w/ dual high- and low-coercivity std. - Contact IC Chip - MIFARE [®] , Legic [®] , HID Prox, HID <i>iCLASS</i>
Interface	USB 2.0 & SCSI II
MTBF:	100,000 cards
Dimensions	16.57" (h) x 10.66" (w) x 13.03" (d) / 421 x 271 x 331mm
Weight	26.6lbs. / 13kg
Operating temperature	65 to 80 F / 18 to 27 C
Power source	AC Power source AC100/240v 50/60Hz auto-switching
Agency listing	UL/CE/FCC
Drivers	Windows [®] compatible
Warranty	2-year return to depot service printer warranty, 1-year unlimited prints print head warranty
Options:	PR5302 Laminator

* Print speed indicates approximate batch print speed and is measured from the time a card feeds into the printer to the time it ejects from the printer. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is depend on the size of the file, the CPU, the amount of PC memory, the interface (SCSI, USB, Parallel), and the amount of resources at the time of the print job.

** RFID encoding capabilities differ depending on technology, please consult Team Nisca for more details.

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