

BANKING INDUSTRY SOLUTIONS



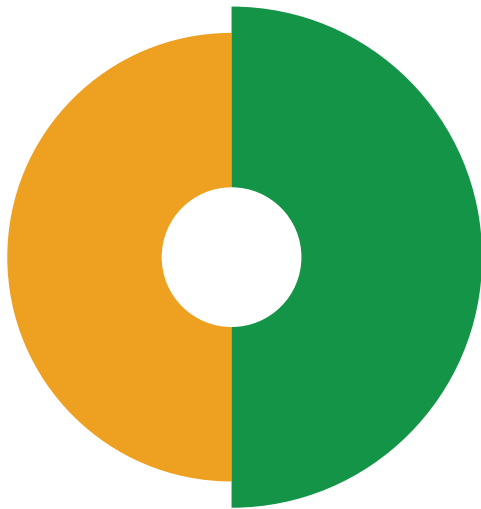


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COMPANY OVERVIEW



21st Century solutions to enhance everyday family needs

- Security solutions
- Renewable Energy Solutions

Helping customers implement best-in-class solutions for operational excellence, business intelligence, risk and compliance management

- POS Solutions
- Fiscal Solutions
- Office Equipment
- Security Solutions



Cutting edge technology to meet the unique needs of your business.

- Banking
- Schools
- Hospitality



INTRODUCTION

Pergamon Industry, a business unit of Pergamon Group, is a leading provider of banking equipment in East Africa. We offer a suite of money and cheque handling equipment for retail, corporate, private, central and specialized banks and financial institutions.

We also offer a wide range of service and support programs to meet the demands of our diverse range of customers. In addition to providing technical support Pergamon Industry provides advanced replacement for a wide range of products therefore, reducing costly downtime associated with equipment failures.

Having serviced some of the leading banks in the region our services are proven reliable, meeting the highest quality standards.



2 | WHY CHOOSE US?



TECHNOLOGY

We have the latest and greatest cash counting and processing technology.



RESPECT

We honor and respect the rights and beliefs of all our customers, employees, investors, and business partners.



EXPERIENCED AND KNOWLEDGED

With over 10 years of industry experience, we are one of if not the most experienced business partners available.



ACCOUNTABILITY

We honor and respect the rights and beliefs of all our customers, employees, investors, and business partners.



WIDE RANGE OF SOLUTIONS

We have a wide range of reliable solutions to assist in all money handling requirements



GREAT CUSTOMER SUPPORT

Our 24-hour support line is here to assist all your concerns and questions.



GREAT TEAMWORK

Our team's success is rooted in healthy collaboration, strong contribution, and unbounded respect.

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BANKING EQUIPMENT



DORS 800

2 POCKET MULTICURRENCY SORTER WITH EXPERT-LEVEL COUNTERFEIT DETECTION

KEY ADVANTAGES

- 10+ currencies in one template according to customer's choice;
- Automatic recognition of 5 pre-selected currencies;
- 9 kinds of the authenticity verification (including IR, VI, UV, MG detection);
- Note sorting by orientation, face, denomination;
- User-friendly machine due to its 4.3" touch screen and advanced on-screen menu;
- Two hot modes are available through the buttons I and II by the sides of the touch screen. Using them, you can save and recall two most frequently used modes, for example, I for the income counting, II for the CIT preparation – or I for operations of the first cashier, II for the second one);
- Multilanguage interface ;
- The connectivity to an external display, a printer, a CCTV system;
- Software updates are available via Internet without a participation of a technician;
- Easy maintenance due to full access to the sensors when a machine's cover is opened.

SPECIFICATIONS

Counting speed	1500/1200/900/600 banknotes per minute
Multicurrency	10+ currencies in one template
Display	4.3" (11cm) color touch screen
Sizes of accepted notes	100x58mm up to 190x90mm
Hopper capacity	800 notes
Stacker capacity	100/200 notes
Reject capacity	50/100 notes

Authenticity verification:

Visible image (both sides of a banknote)	+
Infrared image (both sides)	+
Comparison of IR and visible images	+
UV control (both for transmission and reflection)	+
MG control	+
Optical density control	+
Control of banknote's length and width	+
Double note control	+
Note integrity control	+

Connectivity:

External display	+
Printer	+
CCTV system	+

Power supply	100V to 240V, 50/60 Hz
Dimensions (H x W x D)	305x295x345 mm



DORS 90 (LCD TYPE)

DORS 85 (LCD TYPE)

SB 900

SB 900 UVMG IS SIMPLE COUNTING MACHINE WITH UV AND MG DETECTIONS

SB 900 UVMG is simple counting machine with UV and MG detections

SB 900 Value is value counting machine (available for USD, EUR, GHC, GBP, CHF, ZAR,) It uses size detection(up to 1mm),MG decoding technology and color sensor system etc. It has passed the test in ECB (European Central Bank)

KEY FEATURES

Super Detections: It detects almost all the counterfeit notes in the market

Easy update: Updated by pc connection

SPECIFICATIONS

High Speed: 800/1000/1200/1500/1800 notes/min selectable.
Detecting Counting speed can be up to 1500 notes/min
Hopper capacity: Up to 800 notes.
Stacker capacity: Up to 500 notes

LCD Display
Add Counting
Batch Counting
Auto/Manual Start
Auto Diagnostic

RS232 Connector: Optional
Remote Display: Optional
Printer: Optional
Power Supply: 99-245V/50-60Hz
Power Consumption: 60W(Max)



SNIPER DP-976

MULTI-CURRENCY DETECTOR



SNIPER DP-976

MULTI-CURRENCY DETECTOR

DESCRIPTION

- The currency of counted and controlled currencies can be displayed on the screen, the ability to print the serial numbers and quantities of money on demand
- Automatic Country Selection: No manual country selection is required.
- The total detection time is approximately 0.4 sec. It is ongoing. The counting of the counted money reflects the value, piece information on the screen.
- Money is checked, counted from the back of the front side of the device (depending on your choice).
- If it is fake during return, the warning will be audible and visual, and a fake information note will appear on the screen.
- Ability to update over the Internet.
- Assets with fake detection TL- \$- €- GBP- CHF (Swiss Franc)
- False Detection Rate 99,9%, Speed 1 sec. / banknote
- Automatic Money Detection: Falsification control of money is made automatically at every currency change.
- 2001 and 2003 Super Fake Dollars capture software installed.
- Ability to control and count country currencies in both positions and at every position
- Ability to give money to a machine at any point of randomness (Only the 2013 model has the obligation to place money on the right corner, limited to this machine)
-
-



- MT (Metal Strip) Tape control
- IR (Infrared) Infrared ink control
- Software update and new fake money promotion feature
- Collected and casted money controlled.
- Ability to print serial numbers of banknotes issued by the stock (optional)
- Automatic currency detection and initialization.
- Self-testing with SMARTCHIP.
- Function to superimpose the screen without resetting it.
- Adhesive, torn, double, old currency counting / catching feature.
- CE Certificate: Yes.
- TUV Certificate: Yes.
- CCC Certificate: Yes.

FEATURES & FUNCTIONS

- Any direction and any side of note can be read, easy to operate
- Up to 8 currencies detected at the same time: Euro, US Dollar, British Pound, Lebanese Pound, Syrian Lira, AED, Nigerian, South African, Saudi Riyal.
- High Accuracy and complex inspection: quantity and position of magnetic ink, Infra-red ink, Spectrum ink, Secure thread, Image printing process etc.
- High speed: Speed:<0.5 second/sheet
- List of detected pieces denomination.
- Rechargeable battery inside for portable usage (optional), provide more than 24 hours standby time.
- OCR function: Serial number of banknote can be printed (optional)
- Support RS-232 or USB interface to download software.
- Big LCD display and touch screen control panel to provide human interface.
- With battery; With RS-232 downloading cable
-

Specifications:

- Dimension:** 220*140*90(mm)
- Net weight:** 1.05kg (with battery)
- Power supply:** 100~240V AC/12V DC adaptor or battery
- Power consumption:** < 10W
- Battery capacity:** 10.8V 1200mAh.

DORS 230

MULTICURRENCY AUTOMATIC DETECTOR



DORS 230

MULTICURRENCY AUTOMATIC DETECTOR

PURPOSE

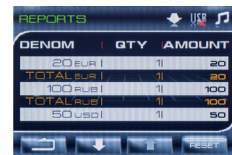
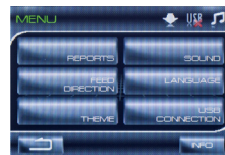
DORS 230 is intended for automatic authenticity control of different currencies. There is no need for user to know the security features of banknotes and the ways of their control. Recognition of banknotes is based on Contact Image Sensor (CIS), the same technology as big sorting machines use.

KEY ADVANTAGES

- All world currencies in one template
- Any orientation of note is acceptable
- Automatic recognition of a currency
- Multilanguage graphic animated interface
- Online software update (free of charge for a lifespan)
- 3.5" touch screen instead of keys
- Small dimensions and built-in battery

SPECIFICATIONS

Display Color	TFT 3.5" (touch screen)
Sensors	Full length CIS (6 wavelengths)
Input voltage of the adaptor	100-240V, ~50/60Hz
Input voltage of the detector	12V
Dimensions (WxDxH)	115x105x86mm
Net weight/gross	0.5kg / 0.9kg



PRO CS 200A

**UNDEMANDING AND RELIABLE
COIN COUNTER.**



PRO CS 200A

UNDEMANDING AND RELIABLE COIN COUNTER.

KEY ADVANTAGES

- Designed for sustained use
- Provides accurate counting of coins and tokens
- Two individual settings (the diameter or the thickness of a coin) make the counter universal and allow it to handle coins of different countries, different sizes, as well as opaque tokens.
- Variable batch mode
- Low noise level
- Factory calibrated for EURO coins

FUNCTIONS

- Counts coins and opaque tokens
- Sequential sorting (the coins of smaller diameter drop out)
- Batch mode
- Summation mode

APPLICATIONS

This series of coin counters ideal for use by banks, commercial cashiers and any other location that requires fast and accurate counting and sorting of coins.

SPECIFICATIONS

Counting Speed, Coins/min.	2300
Input Capacity, Coins	7000
Coin size (diameter / thickness)	14-34mm / 0,7-3,7mm (1/2" - 1 1/3" / 1/36" - 1/7")
Power Supply	110/220V, 50/60Hz
Power Consumption, watts	70W
Dimensions, mm	270x365x310 (10½"x14½"x12¼")
Net Weight	12 (26lbs)



DORS 1250 M1

MULTIFUNCTIONAL COUNTERFEIT DETECTOR





DORS 1250 M1

MULTIFUNCTIONAL COUNTERFEIT DETECTOR

KEY ADVANTAGES

- 5" touch screen color display.
- DORS 1250 M1 is equipped with built-in magnetic sensor to control magnetic features of different banknotes.
- Range of combined control modes such as IR and UV, IR and transmitted white light, IR and top white light, IR and control of optical variable ink (OVI).
- Due to great usability of DORS 1250 M1, it can be used in bank branches as well as in retail outlets.
- Any control mode can be easily activated by pressing the touch screen.
- DORS 1250 M1 is equipped with Intelligent Anti-stokes sensor for detection and verification of presence, the color of fluorescence and type of anti-Stokes mark; the information about the presence and type of anti-Stokes mark is displayed on the monitor and accompanied by audio signal.

SPECIFICATIONS

Monitor	5" (12,7 cm) color display
Control	Touch screen
Built-in camera	1 (1x)
Upper lighting	
Multi-band IR (IR diodes, 800-1000 nm)	+
UV light (6W UV tube 365 nm)	2
White light (diodes)	2
Oblique white light (diodes)	2
Total power of UV sources	12W

Bottom lighting

White light (6W white tube) 1

Measuring scale

On the backlighting viewing area +

Types of control

Infrared control +
 Two-band IR control (blinking mode) +
 IR control of special green luminescence (940nm to 960nm) +
 Magnetic control +
 Ultraviolet control +
 Transmitted IR control +
 Reflected top white light control +
 Reflected oblique top white light control +
 Transmitted bottom white light control +
 Size control +

Types of control (by means of external devices)

Reflected oblique white light control with magnification:
 with DORS 1010 10x
 with DORS 1020 15x
 Infrared control with magnification:
 with DORS 1010 10x
 with DORS 1020 15x
 Ultraviolet control with magnification:
 with DORS 1020 15x

Power supply

100-240V ~50/60 Hz

Power consumption

45W

Dimensions (WxDxH)

264x155x222 mm

Weight

1,6 kg

DORS 500

BANDING MACHINE



DORS 500

BANDING MACHINE

PURPOSE

DORS 500 is designed for automatic binding of banknotes and the documents up to A4 size with special heat-sealing band.

The machine has several presets for different types of bundles of banknotes (documents).

It's equipped with two start modes: automatic and manual. The machine has a simple access to the path in order to change the tape and for maintenance.

KEY ADVANTAGES

- Fast operation (2 seconds per cycle)
- Machine is compatible with two types of tape: paper and plastic (OPP)
- Available widths of tape is 20mm, 25mm, 30mm, 35mm, and 40mm.
- User can easily adjust 5 working parameters of machine in order to provide best performance for different size and quantity of notes (documents) as well as for different types of tape.
- Energy saving pulse method of heat sealing.
- Low noise level.
- Compact and light weight machine.



SPECIFICATIONS

Time for banding of one batch (100 notes)	approx. 2 sec
Operating modes	auto, manual
Maximum loop size	600 mm
Width of band	20mm, 25mm, 30mm, 35mm, and 40mm
Display	red 4-digit LED
Adjustable parameters	full loop size nal loop size tightening force welding temperature pack retention time
Power supply	220 V
Power consumption	stand-by mode- 6 W pulse- approx. 110 W
Dimensions (W x D x H)	417x231x184/314* mm (*- with loop holders)
Net weight	7,5 kg



PANINI CHEQUE SCANNER

THE VISION X PROVIDES ADVANCED CHECK CAPTURE FEATURES AND AN INDUSTRY LEADING PRICE/ PERFORMANCE RATIO.



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PURPOSE

- Offers best-in-class reliability and lowest total cost of ownership for distributed check capture based on our core competencies of system scalability, MICR read accuracy, superior image quality, smooth document handling, and professional service. Coupled with a modern, ergonomic and accessible design, and quiet operation.
- Helps Financial Institutions take full advantage of image-based check truncation (Check 21 in the United States) in teller or branch applications, by lowering their operational costs and enhancing the customer experience.
- Can be further enriched- when used for teller image capture (TIC)- with the addition of Multi-Function System hardware modules (MFS), which provide a number of complementary teller functionalities while preserving ergonomics, footprint and integration.
- Is equally efficient in Remote Deposit Capture applications, and in processing non-check documents such as utility bills, meal vouchers, coupons and more.

FEATURES

Advanced Printing Options

1-line rear printer for basic check endorsement, or Advanced Graphics Printer (AGP) for rich endorsement, validation, or cut sheet receipt including up to 4 lines of text, signatures logos and other graphics. SmartJet function can be used to define whether to print an item and what to print.

One or Two Pockets

The standard single pocket can hold up to 100 documents ensuring sequence integrity. A two pocket model (Vision X P) is available for applications requiring physical document sorting (e.g. on-us/transit; domestic/foreign; check/payment coupon).

Ergonomic Feeder

The patented 3-mode feeder allows single document drop feed, auto feed with one-handed loading of a small batch, or a larger batch up to 100 documents by expanding the feeder opening.

Scalability

Feeder capacity, device throughput (50, 75, 100+ DPM) and software options are easily upgradable via software key, to accommodate a broad range of transaction volume, processing time and decoding requirements

Accurate MICR and Advanced Imaging

Advanced MICR reading algorithms – including optical correction for optimal decoding accuracy, and superior grayscale and color scanning up to 300 dpi.

Ultraviolet or infrared front imaging options for security applications.



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