

Numeron[®]

Desktop machine for casinos
Small, fast and reliable





Leading in performance and dimension

Giesecke & Devrient (G&D) is the leading provider of bank-note processing equipment and solutions worldwide.

G&D offers all necessary components to insure the secure and efficient processing of currency. Our products range from consulting services, to high-performance currency automation systems and a complete line of cash management software. Our comprehensive line of banknote processing systems fulfills the processing and sorting requirements of casinos.

Even small to medium-sized casinos are now able to automate their currency processing with solutions from G&D.

Banknotes need to be authenticated quickly and accurately, regardless of the application.

What performance level should casinos expect?

- First and foremost they need reliability in identifying and authenticating the banknotes as casinos are prime targets for moving counterfeits.
- Secondly, they want the flexibility
 - to sort out specified denominations to be returned to the table
 - to face banknotes
 - to do a quality sort
 - to process other currencies

- An attractive price/performance ratio
- Of key importance for these users is a machine capable of accounting and reporting on a table-by-table basis.
- Easy to maintain and easy access for service





Made for the job

We offer two Numeron variants. They operate at a speed of up to 20 banknotes per second which means a theoretical throughput of 72,000 banknotes per hour.

Numeron D

The Deposit Processing System Numeron D checks, authenticates and sorts mixed banknote input and totals the values.

Numeron T

The Numeron T includes the features of the Numeron D, plus the detecting of adhesive tape.

Variety of Numeron applications

- Basic version as stand-alone system
- Complete workplace for deposit processing may include connection of banknote bander, barcode reader, printer and coin sorter in connection with an additional PC (workstation)
- Networking of several systems or several workplaces

Together with the above-mentioned variety of Numeron applications G&D supplies appropriate vault management software including the integration of other G&D banknote processing machines. With a full range of services, G&D offers complete solutions according to customer specifications to optimize cash processing.

Small, fast and reliable

Numeron combines the idea of complete performance of a banknote processing machine with the requirement for an extremely economical, space-saving, ergonomic and multi-faceted system.

This results in the following advantages for our customers:

- Less space requirements, therefore flexible installation
- Up to 1,200 banknotes per minute together with an optimized cash process allows customer to reduce costs for cash processing.
- Fast and efficient authentication and simultaneous accounting, even in the case of smaller and mixed deposits.





The sensors: high-tech for authenticity and quality detection with CashRay 180, the high-performance sensor pack from Giesecke & Devrient

A glance at the benefits

- Optimal banknote processing and sorting
- Multi-denominational
- Multi-currency
- Easy to operate with the use of language-independent symbols
- Ergonomically sound
- Optional printer available
- Can be networked to other systems, servers and also peripherals such as coin counters and barcode readers

Reliable detection system

- Value and quality
 - Four-color image sensor to detect double pulls, formats, denomination, tears, missing parts, holes, dog-ears and heavy soiling
 - Adhesive tape sensor optionally available.

- Authenticity
 - Magnetic sensor for full-face authentication of hard and soft magnetic security features
 - UV brightener sensor

Software: brainpower for the Numeron

The Numeron can operate as a stand-alone machine or in a network environment. The control software comprises modules for managing customer data, processing deposits, system administration and user management.

The software allows several Numeron machines to be networked. It also provides an interface to a host network, for example the casino server.

- Easy update by Microdrive™

Technical Data

Input pocket capacity

Up to 500 banknotes, depending on quality of banknotes, continuous topping up

Stackers

3 stackers (2 + 1 reject)

BN sizes accepted

Long edge 100–185 mm
Short edge 50–95 mm

Dimensions H/W/D

512 x 360 x 450 mm (approx.)

Currencies

Up to 3 currencies can be processed together.

Theoretical throughput

Up to 1,200 BN/min (10/20 notes/s) depending on sensor configuration and customer's process

Weight

31 kg (approx.)

Power supply

110 V–250 V, 50/60 Hz

Power consumption

Approx. 210 VA

Operator

Seated or standing

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