



## Experience since 1993

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SOUTH Automation GmbH is the European headquarter of an international company group manufacturing cash handling equipment since 1993. Our product range covers the processes of counting, sorting, detecting and packing of cash – for banks, retailers and everywhere else where cash needs to be processed. In our industrial solutions department, we develop specialized solutions for mints and other demanding customers – the places where money is made.

## Think globally, act locally

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Nowadays, demands all over the world are pretty similar – but not the same. By closer presence to and cooperation with our local partners, we manage to keep our communication ways between the end user and our product designers short, right from the beginning of product definition, to continuing product development and servicing. Our staff of 300 engineers, product managers, technicians, support center, software specialists and further more are dedicated to our local partners and customers. In most cases, just one decision-maker needs to be consulted before getting a quick response for your inquiry or having things done.

## Efficiency, well balanced

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In today's world, we can only achieve the service you expect by having automated routine processes on the B2B side, and allocating available resources to topics where flexibility and creative solutions are really required. In other words: we want to offer you the flexibility you need for your market, but still keep the German processes and reliability on which you count.

## cashDNA®

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Driven by innovation, it is our permanent mission to achieve the best performance and the lowest possible total-cost-of-ownership for our latest product family – cashDNA®. Besides continuous quality improvement and support, we believe, that's the best way to create value to our partners and customers.

# TN10

## THE UNIVERSAL 1-POCKET DISCRIMINATOR

For any language, currency and environment



### PRODUCT SPECIFICATION

<b>Detection</b>	UV, Full size IR (CLIS) & MG cashDNA®
<b>Speed</b>	800...1,500 notes/min
<b>Currency</b>	Multi-currency on enquiry (e.g. EUR, USD)
<b>Capacity</b>	Hopper: 600 notes Stacker: 200 notes
<b>User interface</b>	3.5" colour, touch display
<b>Connectivity</b>	LAN, USB, RS232, external printer and display
<b>Update</b>	SD-Card, LAN
<b>Dimension</b>	225(D)x265(W)x210(H) <i>without note guides</i>
<b>Weight</b>	5.4 kg
<b>Power</b>	110...240 VAC
<b>Approvals</b>	CE, RoHS, ECB, other national bank certifications on request

### A GROWN-UP COUNTER IN COMPACT DESIGN

#### Ready for small and big jobs

TN10 is the smallest machine in its category. Nevertheless it has the highest feeding capacity with more than 600 notes, this means up to 50% less feeding required and more time for other tasks.



# TN20

## THE HEAVY DUTY 2-POCKET SORTER

For any language, currency and environment



### PRODUCT SPECIFICATION

Detection	UV, Full size IR (CLIS) & MG cashDNA®
Speed	800...1,500 notes/min
Currency	Multi-currency on enquiry (e.g. EUR, USD)
Capacity	Hopper: 600 notes Stacker: 200 notes Reject: 100 notes
User interface	3.5" colour, touch display
Connectivity	LAN, USB, RS232, external printer and display
Update	SD-Card, LAN
Dimension	320(D) x 293(W) x 277(H) <small>without note guides</small>
Weight	10 kg
Power	110...240 VAC
Approvals	CE, RoHS, ECB, other national bank certifications on request

### NO COMPROMISE

**Small on the outside, big and powerful on the inside**

TN20 is one of the smallest machines in its category related to its capacity. A more than 600 notes hopper capacity combined with a reject pocket and a completely new designed feeding make TN20 to one of the most efficient machines on the market.



## cashDNA® DETECTION SYSTEM WITH 3 LAYER PROFILE

### Safety and performance for now and for the future

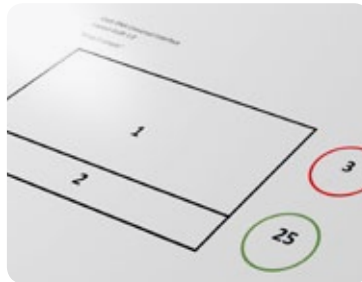
The cashDNA® detection scans 3 layers of the banknote in full size. Since the scan does not rely only on optical detection, we make the highest performance and safety available for notes which are in visible bad conditions. The full size detection system makes the unit independent from position and type of the security features, a big advantage in situations as the current changeover to EUR 2nd series. Of course cashDNA® also incorporates standard detection systems as UV, MG and IR. The CLIS image sensor does not require physical contact to the note as conventional CIS sensor, making the unit much less sensitive for damages through foreign objects as coins and paperclips.



## NEWLY DESIGNED USER INTERFACE

### All your routine functions in less than 2 clicks

Although TN10 and TN20 have more functions than any other currency discriminator in its category, we wanted to make the machine very user friendly for your daily operation. We targeted it to be able to complete your selected task quickly within a part of a second. Customize your home screen according to your needs with the regular functions or with your favorite apps. The user interface can be available in many languages but is also fully designed to be understandable by icons only – easier for environment with staff speaking different languages.



## READY TO NETWORK

### cashDNA® makes it standard

TN10/20 come always with a network interface. You can load updates, apps and currencies via the internet connection. Remote maintenance support (only available in selected markets) can decrease your maintenance costs. For bigger institution, partner programs are available which consider the specific network infrastructure.



## DESIGNED TO WORK TOGETHER

### Designed for optimized performance

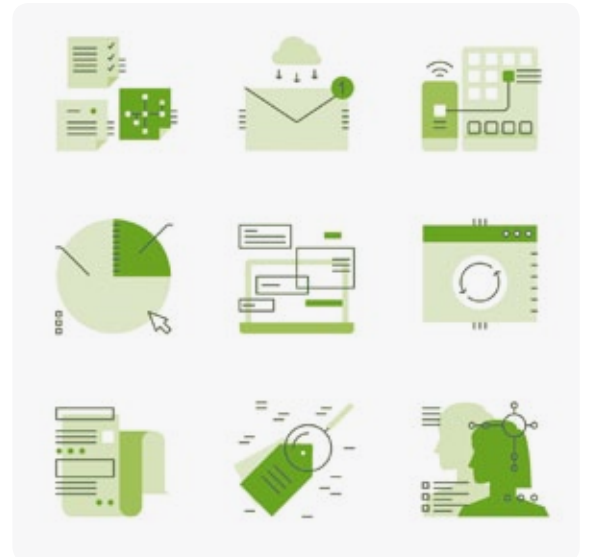
Sensors, hardware and software – the 3 essential components of a currency counter are all developed by cashDNA® and designed from the beginning to work together as a homogenous unit. For you this means best experience in performance and ergonomics. For us, it is our full commitment to our products to be reliable and future-proof.



## APPS FOR CUSTOMIZED PROCESS

### Do it your way

Similar institutions have often similar processes. Contact us or our distribution partner which apps can improve your daily work of specific circumstances.



The external display makes counted notes, amount, currency and other information visible also to your customer or camera system.



The optional printer allows you to print the amount and details of the counted banknotes, but also additional information that you might need, which can be included in the process by one of the included apps.

## CONTACT

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