PhotoEuro³

PhotoEuro3

PORTABLE COUNTERFEIT DETECTOR
AND BANK NOTES COUNTER
WITH UV MAGNETIC CARD AUTHENTICATOR.

EUROPEAN CENTRAL BANK
EUROSYSTEM
ECB TESTED

The most effective checks are performed when checking the hidden security features not found by any other alalysis.
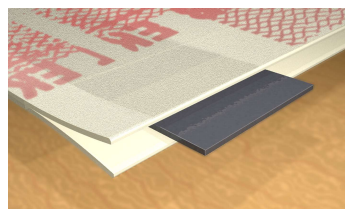
MORE DIFFICULT MORE SECURE

The DNA examination has replaced less secure methods of the past and is now the most secure and guaranteed method of identify the perpetrators of the worst crimes. **The security metallic thread inserted into paper currencies is the DNA of the banknotes.**

MAGNETIC DNA

The "genetic" code of the banknotes is comprised of the magnetic encrypted and indelible data written on the security metallic thread. This security measure is very difficult to counterfeit as it is the result of an exclusive and protected technology.

To counterfeit this protection forgers must be able to produce the thread, decode it and weave it into the paper during its production.

THERE IS A TRICK IN IT SOMEWHERE

BUT YOU CAN'T SEE IT.

The visible security features are printed on the paper through sophisticated but copyable typographic printing processes, which, generally, are also used in other commercial formats, and for this reason they are also available for forgers.
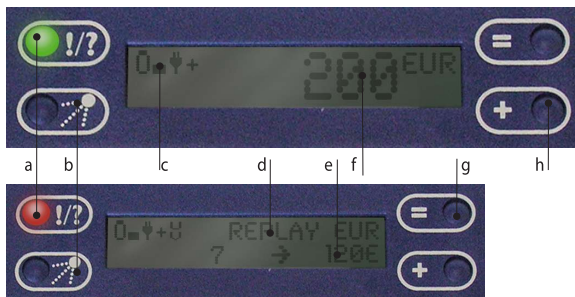
Don't be satisfied with just the visible security features.
The greatest security comes from checking the most hidden security parameters.

PhotoEuro3 WHERE IT IS USEFUL

PhotoEuro3 enables every cash desk, the place where counterfeit money is tendered, to check immediately the most hidden security elements.
PhotoEuro3 is the exclusive electronic, motorized, portable desk detector, which can check from 5 to 500 Euros banknotes, and which, in few seconds verifies the original metallic thread presence, decodes and verifies the magnetic data, warns you with a led and with a beep when the bank note is suspicious, and if the note is satisfactory, shows the value of the banknote on the display .

THREE KEYS, ONE LED, ALL THE DATA IN THE DISPLAY

a) Green/red LED for recognized/rejected banknote.
b) Key for UV control activation.
c) Battery charge status and kind of power supply used, symbols of the active functions.
d) Indication of not recognized banknote.
e) Quantity by denomination and subtotal sums of the verified bank notes
f) Value of the single verified banknote and type of currency
g) Key for quantity by denomination and subtotal sums of verified banknotes
h) Key to activate/deactivate the Sum function.

The most effective and advanced protections are totally useless if you are not provided with the correct instruments to check them.

A STRONG DETERRENT

PhotoEuro3 makes the UV security features visible (luminescent images invisible to the naked eye). You can find them on most original payment cards issued by the largest financial rings, and also on many identity documents and currencies, including the Euro bank notes.

SECURITY IN A FEW SECONDS

By using the **PhotoEuro3** your cash point becomes an impassable check-point for forgers of counterfeit money and a strong deterrent for all malicious people.

PhotoEuro3 is automatically switched on when the bank note is inserted in whichever of the four sides, it slides it and starts the automatic scanning, it verifies the presence of the security thread detecting the permanent encrypted codes and it compares them with the sample ones. If the data is correct it shows on the display, the detected nominal value, the green LED lights and an acoustic signal sounds. Otherwise, in case of non-recognition, the machine invites the operator to repeat the operation by means of the red led which lights up. Repeat the operations by feeding the banknote in one or more of the possible orientations.

UV Key
This control switches on a LED emitting UV rays. It makes any symbol, trademark and drawing present on credit cards and on some card-size identity documents, visible. The Euro banknotes react to UV too. The UV security pigments within the paper of the notes become visible and luminescent.

FAST AND SAFE OPERATION TO BALANCE DAILY CASH TOTALS

PhotoEuro3 not only assists and protects you for the whole day, but it makes the cash balancing operations much faster and safer.

Sum Key
Pressing the + key, PhotoEuro3 adds the value of the inserted bank notes until the key is pressed again.

Equals (=) Key
Pressing the = key several times PhotoEuro3 shows in sequence the number of banknotes and their relative value for each denomination from 5 to 500 Euros.

At the end of the day you will only have to quickly pass all the paper currency in the counter through the machine in order to fill in the deposit slip and to deliver all the checked and verified bank notes to the bank.

PhotoEuro3

Your security, is embedded in its DNA

Photo*Euro*³

TECHNICAL FEATURES

Accepted currency: Euro
Checks: coding of security thread
Type of sensor: magnetic, UV Led
Loading: manual, single banknote
Transport: motorized 0.4 m/s
Internal power supply: batteries 8.4 Volt Ni-Mh (rechargeable)
Duration of batteries: 500 complete loading and unloading cycles
Absorbed power: lower than 6 Watt
External power supply: transformer 220 V 50 Hz / 12 V DC, with cables
Operating temperature: 0÷50 °C
Dimensions: LxHxW 155x 115 x 75 mm, in single carton LxHxW 300x200x100 mm
Weight: 710 g, without power supply - Total weight with packaging: 1200 g

OPERATING

Power supply: through adapter (supplied) or stand alone using internal batteries (rechargeable)
Automatic feeding of the inserted banknote with transport slide
Banknote orientation on the longer edge, in one of the four possible positions.
Display of the Euro checked value or "replay" message
Acoustic signal to confirm the recognition
Warning symbol for exhausted battery
Sum function and activation/deactivation display of the total summed banknote values
Display of banknote value divided by denomination
UV light key activation
PC connection activation by serial port (software up-grade)

POSITION AND ORIENTATION

PhotoEuro3 can operate standing on a level surface. The banknote is not expelled as it is held by a few millimeters by the automatic transport system.

Photovox reserves the right to introduce any modification and improvement of the technical features, without notification.

CE

A COMPLETE SYSTEM

Connected via serial RS 232 port connection, with specific cable and software, it can communicate and supply data to every cash registers.

Available versions:
PhotoPound3 for Sterling/Euro

UNI EN ISO 9001:2000 - 14001

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