

FAST AND SAFE END OF SHIFT  
OR DAY CASH BALANCING.



# PhotoEuro<sup>3</sup>

**PORTABLE BANK NOTES COUNTER  
AND COUNTERFEIT DETECTOR  
WITH CREDIT CARDS U.V. AUTHENTICATOR.**



# The most effective checks are performed by checking for the hidden security features which do not show up by most other methods.

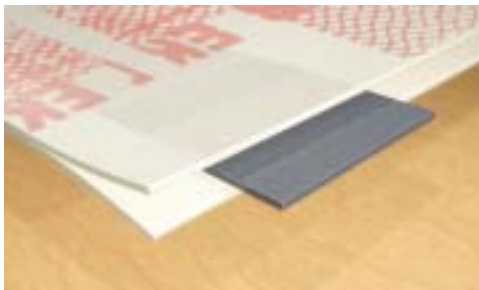
## MORE DIFFICULT MORE SECURE

The DNA examination has replaced less secure methods of the past and is now the most secure and guaranteed method of identity. **The security metallic thread inserted into paper currencies is the DNA of the bank notes.**



## MAGNETIC DNA

The "genetic" code of the bank notes is built up in the permanent crypted magnetic data written on the security metallic thread. This is a safety measure which is very difficult to counterfeit as it comes from an exclusive and protected technology.



## THERE IS A TRICK IN IT SOMEWHERE

**BUT YOU CAN'T SEE IT OTHER SECURITY FEATURES ARE NOT AS SECURE.**

The visible security features are printed on the paper through sophisticated but traceable typographic printing processes, which, generally, are also used in other commercial formats, therefore, they are also available for forgers.



In order to counterfeit this protection the forgers need to produce the thread, encode it and weave it into the paper during its production.

Don't be satisfied with just the visible security features. A greater, safer and much more accurate method comes from checking for the most hidden protections and features.

## 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 verifier, which can check from 5 to 500 Euros bank notes, and which, instantly 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 displays the value of the note on the lcd display screen.**

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



- a) Green/red LED for recognized/rejected bank note.
- b) Key for the activation of the UV control.
- c) Key for the denomination quantity and the partial sums of the verified bank notes.
- d) Key to activate/deactivate the Sum function.
- e) Battery charge status.
- f) Indication of not recognized bank note.
- g) Type of currency, value of the single bank note, total and partial sums.

# The most valid protections are useless, if you don't have the correct instruments to verify them.

## A STRONG DETERRENT

**PhotoEuro3** makes the UV security features visible (luminescent images invisible to the naked eye). They are present on most original payment cards issued by the larger financial institutions, and also on many identity documents and currencies, including the Euro bank notes.



## SECURITY IN A FEW SECONDS

With **PhotoEuro3** your counter becomes an impassable checkpoint for the counterfeit money tendered and a deterrent to those attempting to pass counterfeit currency.

**PhotoEuro3** is automatically switched on when the bank note is inserted in whatever of the four sides, it slides it and starts the automatic scanning, it verifies the presence of the security thread obtaining the permanent cripted codes and it compares them with the sample ones.

If the data are correct it shows on the display the nominal value it found, it switches on a green LED and it sounds a beep.

If they are not, it requests a repeat verification, signalling by way of a red LED the unsuccessful identification.



### UV Key

This control switches on a LED which emits UV rays, for 30 seconds. It makes any symbol, trademark and drawing present on the credit cards and on some card-size identity documents, visible.

The Euro bank notes react to UV, too. The UV. security pigments within the paper of the notes become visible and luminescent.

## FAST AND SAFE END OF SHIFT OR DAY CASH BALANCING.

**PhotoEuro3** does not only assist and protect 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.

### Partial Key

Pressing several times the = key, **PhotoEuro3** shows in sequence the number of banknotes and their relevant value for any denomination from 5 to 500 Euros.

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

# PhotoEuro<sup>3</sup>

**SECURITY IN A FEW SECONDS**



## **ALL THE COMPETENCE OF A LEADING COMPANY**

PHOTOVOX is one of the few companies in the world which can boast such extensive experience in the areas

of magnetic heads and cash recognition systems. PhotoEuro3 is an exceptional instrument for use in cash desk security. PHOTOVOX through its expertise has created a practical instrument for general use that was a technology previously only available to very few and select bodies such as banks.

There are currently over 45,000 PhotoEuro units working throughout Europe, they are also in operation in the Sterling and Pesos countries. They are used in Banks, Shops and most anywhere cash is tendered.

Two + Two optional's Guarantee  
 2+2  
 anni di garanzia

# PhotoEuro<sup>3</sup>

## TECHNICAL FEATURES

Accepted currency: Euro

Checks: coding of security thread, dimension, chrome

Type of sensor: magnetic, encoder, 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 10 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: 300 g, without feeder



### OPERATION

Power supply: through transformer (supplied) or portable using internal batteries (rechargeable).

Automatic carrying of the banknote to the transport slide.

Banknote insertion is using the longer edge, in one of four possible positions.

Display of the Euro value checked, or "repeat".

Sound signal to confirm the identification.

Warning of exhausted battery.

Sum key activation

Partial key activation

UV light key activation

Connection to PC (serial port)

### POSITION AND ORIENTATION

PhotoEuroplus can operate standing on a flat surface, or be fixed to the wall by means of a special kit. In both cases, the banknote is secure as it is held by the automatic transport system.

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



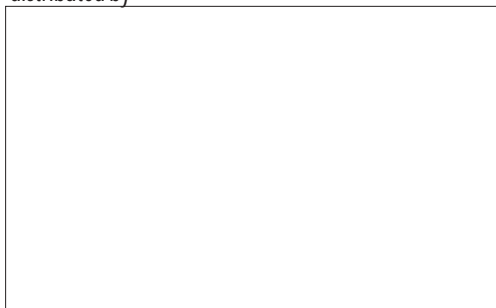
## A COMPLETE SYSTEM

Serial port connection

PhotoPound for Pound/Euro  
 and PhotoPesos for Pesos/Euro.



distributed by



PHOTOVOX



UNI EN ISO 9001:2000 - 14001

PHOTOVOX srl  
 Via Belmonte, 1  
 10087 VALPERGA (TO) Italy  
 tel. ++39 0124 653811  
 fax ++39 0124 616289  
 e-mail: photovox@photovox.it  
 web: www.photovox.it