

# Product catalog



**HOT  
NEWS**

**Detector  
C16  
+ Tab**

**2017  
No.2**

 **apis**



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CATALOGUES

# THE CATALOGUE OF CURRENCIES

All currencies of the world in the circulation

The Catalogue of Currencies is a knowledge base of **all** currencies which are a legal tender in the world. It is a tool for authentication and verification of banknotes, regularly updated and accessible 24/7. Subscription to the Catalogue of Currencies will give you an access to all currencies in circulation in the world, in depth information about each banknote examine by our expert team, illustration and animations with the position on the banknote, images in the White, UV-A, UV-C, IR lights and Transmitted Light. Even more, you will have access to the most common counterfeits with detail description and illustrated comparison to the genuine banknote. **Features Ranking** - you can find **only** in the Catalogue of Currencies. It is a "Value" created by special algorithm and it takes in account quantity and quality of all security features used on the particular banknote. Finally, it is displayed in the chart of the TOP banknotes.

- 1 In this menu you can choose the mode of view: countries only / countries + banknotes / banknotes only.
- 2 7 In this menu bar you can choose the country and banknote / coin / travel cheque you want to inspect.
- 3 Features Ranking - it's a "value" made by special algorithm, it takes in account quantity and quality of all security features used on particular banknote.
- 4 This menu bar gives you an option for inspection of banknote: UV, IR view, text description, turn the banknote over and more, turn on position of the security features on the banknote.



- 5 In this menu you can switch between legal tender and counterfeit catalogs, add notes to the favorite, search in catalogs, manage your settings, view security features list, view the news (latest news in the Catalogue of Currencies).
- 6 This bar gives you an option switching between legal tender, counterfeit, lower value coins and higher value coins, information about the selected country.
- 8 **Special wizard tool** - Guide you along the right way of authentication of each banknote. This tool will show you how to detect each banknote, step by step from the simplest to the most complicated ways of detection. All security features are classified according to these ways of detection. By using this tool, you can easily localize each security feature on the specific banknote.



CATALOGUES

# THE CATALOGUE OF DOCUMENTS

More than 150 countries

The Catalogue of Documents is a good source of information you need to verify ID documents. All this information are at one place, accessible 24/7, regularly updated every month plus an extra update.

This knowledge database is used for authenticity verification of passports, ID cards, residence permits and driving licenses.

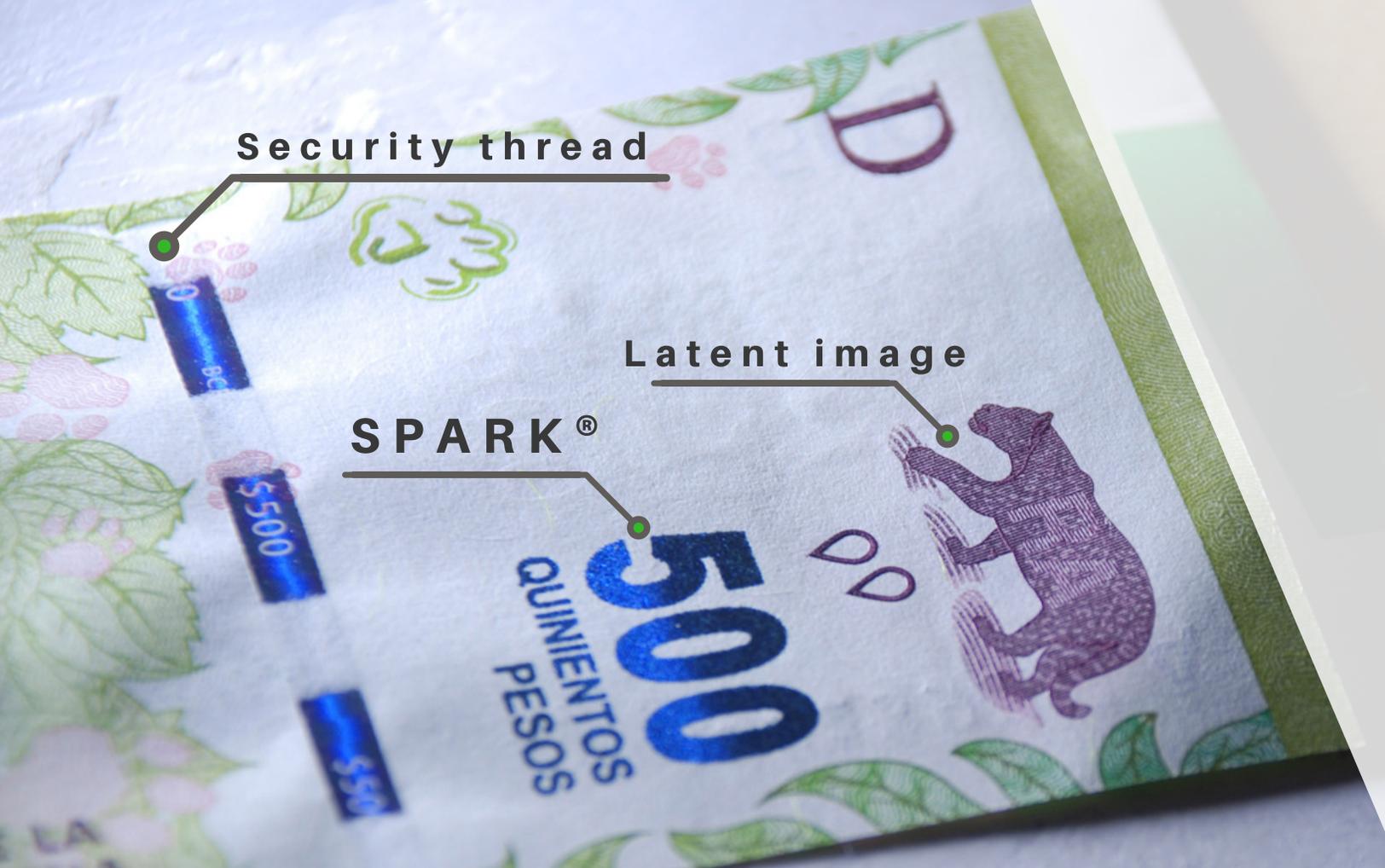
With the subscription you will get access to detail description, animations and of security features, location of security features on the document, illustrations of cover, personalization page, front and back spread pages plus other important pages in white light, UV-A light and IR light.

This makes the verification process fast and simple.

- 1 In this menu you can choose the mode of view: countries only / countries + documents / documents only.
- 2 Smart filter - you can search for country by typing of the first letter of the name.
- 3 You can pick the country or document from the left-side menu.
- 4 In this menu you can switch between documents catalog and counterfeits catalog, add documents you work with very often to your favorite, search in catalogs, manage your settings, view security features list, view the news (latest news in the Catalogue of Documents).



- 5 In this menu bar you can make a selection, you can choose whether you want to see just an ID cards, travel passports, diplomatic passports, official passports, driver's licenses or other ID documents.
- 6 When the picture is cross with the red cross it means that the document is not valid anymore.
- 7 When you hover with the mouse over the the document thumbnail, then the personal page of the document appears over the thumbnail.



Security thread

Latent image

SPARK®

CATALOGUES

# THE SECURITY FEATURES GUIDE

Learning guide through the security features

This online application will guide you through the security features used in security printing industry on bank notes, passports, visas, stamps, certificates, etc..

Individual chapters will guide you through technology of coinage and their protection against counterfeiting, development of paper money, causes and motives of money counterfeiting, substrates for banknote printing, printing techniques, banknote graphics, examination equipment for security features, and more. Themes are accompanied by detailed illustrations and animations for clear imagination.

This guide gives you a comprehensive review of history and development of contemporary security features. It is very good source of information for those who enter or work in the field of identification and authentication.



## DETECTORS

# DETECTOR C 16

Magnification: 1×, 40×  
 White light  
 Transmitted light  
 IR light (850/940 nm)  
 IR sidelight/transmitted light  
 UV-A/B/C light  
 470 nm Infrared fluorescence  
 Anti-Stokes Laser 980 nm  
 Retroreflective 3M examination

New detector C16 is a combination of 3 powerful tools in 1 device. It combines multispectral detector, the database ( APIS catalogue) and comparator of inspected element in real time.

This detector comes with a detachable 10´ tablet or a fix 9´ LCD screen (optional). The tablet can be connected via USB or WiFi and can control the device remotely.

Three modes of operation:

- catalog mode (database APIS)
- inspection mode
- comparison mode

In catalog mode we can choose:

- The catalogue of Currencies
- The catalogue of Documents
- The catalogue of Travel documents



## DETECTORS

# SCANNER SP2400L

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Spectral scanner  
Magnification  
White light  
UV-A light (365nm)  
IR light (850nm)  
White transmitted light  
IR light (850nm) transmitted  
Scanning area: 210 × 300 mm (A4)  
300, 600, 1200, 2400 dpi

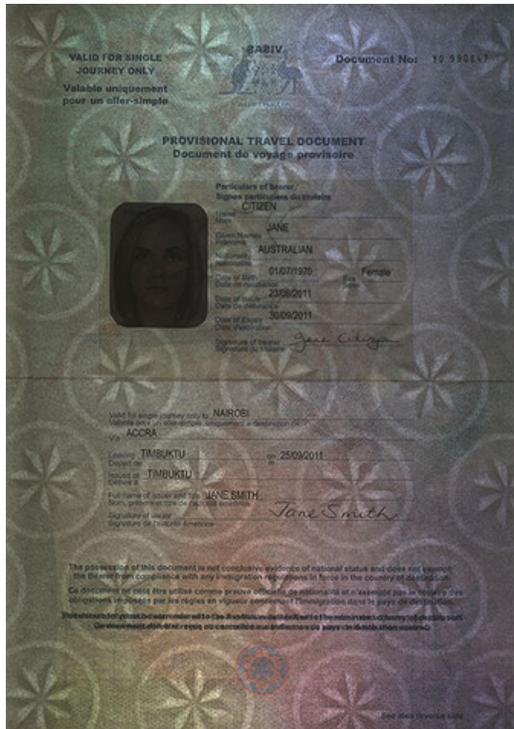
New professional high-quality desktop spectral scanner SP2400L for authenticity verification, e.g. banknotes, passports, ID cards, driving licenses, birth certificates and other special documents containing security features. Reflects security features with infrared contrast and ultraviolet fluorescent ink.

### **Benefits**

Easy intuitive operation  
Scan documents up to A4 size  
Scan quality up to 2400 dpi  
Custom configuration for each scan  
Scanning in white, ultraviolet, infrared at once  
Very competitive price



Swedish emergency passport of A4 size in white, white transmitted, infrared, ultraviolet lights made by scanner SP2400L.





## DETECTORS

# DETECTOR C 12 UVC

White direct light  
White sidelight  
White transmitted light  
IR transmitted light (850nm)  
IR light (850nm)  
IR light (940nm)  
IR sidelight (850nm)  
UV-A light (365nm)  
UV-C light (254nm)

This detector is produced in two variants: C12 and C12 UVC. Lower model line detector is C8 and C8 UVC.

It is professional portable desktop tool with many functions for inspection of security features applied on any document or banknote.

Combinations of all inspection lights, photo function, internal memory and connectivity to PC, TV makes this detector very powerful and comprehensive tool in the hands of forensic, banknote and document experts. All your inspected materials can be immediately displayed on 9" screen and saved in internal memory as a picture. This pictures can be downloaded to your computer for further processing.

As a option you can order magnetic head to this detector and micromouse C609/C608 for closer inspection. For traveling we provide special case.

# FORENSIC LABORATORY

Auxiliary device - micromouse C609/C608



Optional - magnetic head



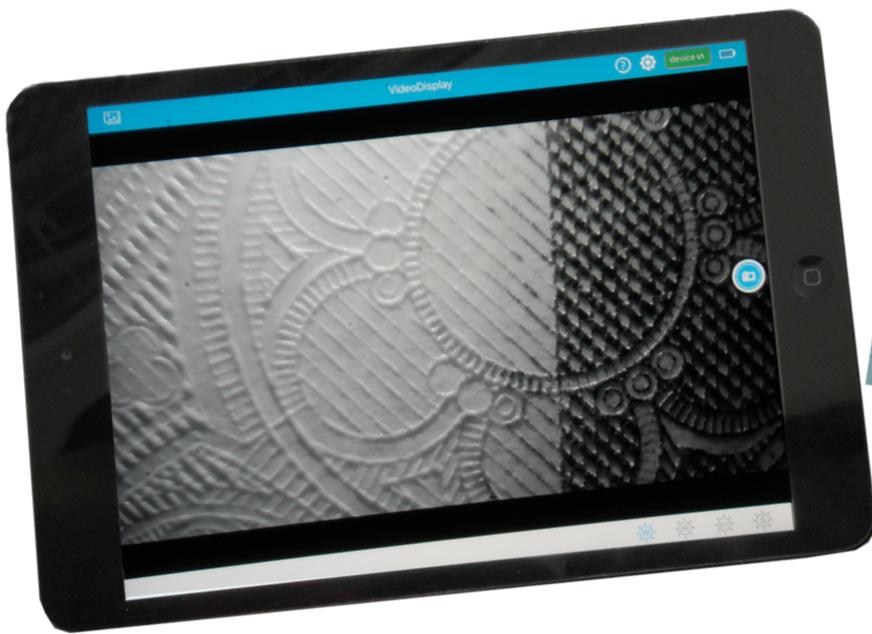
This forensic banknote laboratory is made by detector C12, external monitor connected with HDMI cable to the detector C12, auxiliary device - micromouse C609 for detailed inspection of banknote connected to detector C12, PC with installed app - The Catalogue of Currencies for instant authenticity verification.



Detector C12 connected to monitor via HDMI cable

Micromouse C609 in the front connected to detector C12

The Catalogue of Currencies for instant authenticity verification



## DETECTORS

# DETECTOR C700

WIFI: 802.11 b/g/n  
White light  
White sidelight 2x  
IR light (850nm)  
IR light (940nm)  
IR sidelight 2x  
UV-A light (365nm)  
Anti-Stokes (980nm)  
Blue light (470nm)

This videomouse detector is a new generation of micromouse detectors without cable. It can be connected to any device using iOS or Android operation system. Via our application VideoMouse you can control videomouse detector C700. You are able to display inspected object on the screen of your device .

### **VideoMouse application**

This application is an essential part of the videomouse detector C700. It is necessary to install this application to your mobile device (tablet/phone) to start operation with the videomouse detector C700. Via this application you can control the detectors buttons and capture pictures of inspecting documents. These pictures may be saved into the mobile device memory for further inspection.



## DETECTORS

# DETECTOR C380

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White direct light  
White sidelight  
IR light (850nm)  
IR light (850nm & 940nm Blink)  
IR sidelight (850nm)  
UV-A light (365nm)  
UV-C light (254nm)  
Anti-Stokes laser (980nm)  
Blue light (470nm)

Lower model line of this detector is a model C3A.

This detector belongs to the group of portable handy tool. Due to its rich features in small body it is a very popular model.

Small, handy and powerful, these are the attributes of this detector C380.

All your inspected materials can be immediately displayed on 3" screen and saved in internal memory as a picture. This pictures can be downloaded to your computer for further processing via mini USB port. If the 3" screen is not enough, you can connect the detector to the TV or screen with HDMI connection.

For traveling we provide special case.



## DETECTORS

# DETECTOR C 230 UVC

10x magnification  
White direct light  
White transmitted light  
White sidelight  
UV-A light (365nm)  
UV-C light (254nm)  
Anti-stoke (980nm)  
Coaxial light 3M

This detector is produced in three variants: C211, C212 and C230 UVC. They belong into the category of handy tool. Small robust body fits well in the hand. We supply this detectors with belt bag, you can choose leather or textile.

### Reference from our customer

The detector works perfectly. The quality and robustness of the product gave me a good impression. I must say, light of the detector is amazing and great benefit to the work with magnifying glass, This detector C230 UVC is the best from the best (I have 4 different detectors of different brands) However, the protective bag is not practical for everyday police duty. Indeed, a simple clip is not sufficient to hold the device on the utility belt. But the quality of the detector overshadow the failure of the protective bag.

**Swiss, Andre-Marc B.**



White side light - Blind printing



Oblique light - Hologram



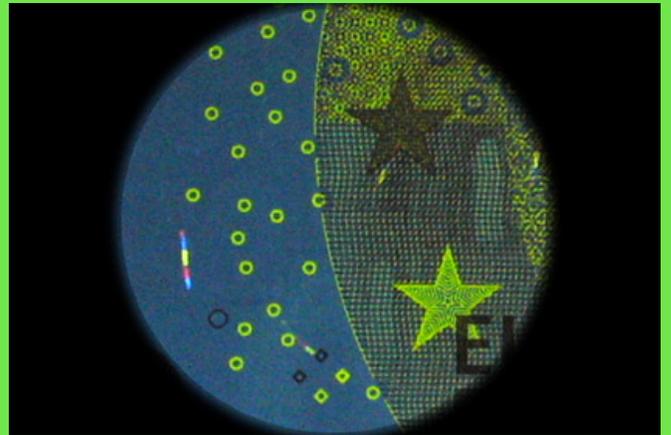
White light - Latent image



UV-A - Finland passport



UV-C light - 10 Euro banknote



UV-A light - 10 Euro banknote



White transmitted light - watermark



Direct white light - Microlettering



## DETECTORS

# DETECTOR C 2 SERIES

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C 2-Z  
C 2-3M  
C 2W  
C 2U2

This detector is produced in four variants:  
C2U2, C2W, C2-3M and C2-Z.

They belong into the category of small handy tool. These models are very popular among police and custom officers because of its easy operation. Small and ultra light body fits well in the hand and you can wear it anywhere with you in the textile belt bag.

### Features

10x or 15x magnification  
White direct light  
White transmitted light  
White sidelight  
UV-A light (365nm)  
Anti-stoke (980nm)  
Coaxial light 3M

## DETECTORS

# DETECTOR C2-Z

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15x magnification  
White direct light  
White transmitted light  
White sidelight  
UV-A light (365nm)  
Anti-stoke (980nm)



Brand new model detector C2-Z comes with 15x magnification. It is the top model from C2 series. Small body and many features make this detector a powerful tool for your work.



# REFERENCES



RESERVE BANK  
OF AUSTRALIA



DeLaRue



Banco de España



DANMARKS  
NATIONALBANK



TOSHIBA