



List of tested banknote authentication devices

Warning message: if you are looking for the published ECB list of banknote handling machines as referred to in Article 6 (1a) of Council Regulation (EC) 1338/2001, as amended by Council Regulation (EC) 44/2009, please go to [Successfully tested types of banknote handling machine](#)

Introduction

The table below lists banknote authentication devices which have been tested by the national central banks (NCBs) for their ability to recognise counterfeit euro banknotes. The test results may assist banknote users in selecting appropriate counterfeit detection equipment.

Scope



Please note that the devices listed below do not qualify as banknote handling machines within the meaning of Decision ECB/2010/14 on the authenticity and fitness checking and recirculation of euro banknotes. For the test results of banknote handling machines, see the list of tested banknote handling machines (see the link on the right-hand side). Hence, the devices listed below cannot be used by credit institutions or other cash handlers for the automatic authentication of euro banknotes destined for recirculation via automated teller machines and other customer-operated cash dispensing machines.

Test results

Last updated: 6 April 2012

Filter as you typeTerm:

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Device name and type 	Identification (hardware/software versions)	Manufacturer or its appointed agent 	Banknotes of the test deck correctly identified as genuine	Date of the test
+ Solid SD-494 5	SV: SD495-E01	Solid Security, Lda Rua Julião Quintinha Apartado 9 8365-235 Tunes Portugal Website	100	14-9-2011
+ Solid SD-5080	SV: V30010	Solid Security, Lda Rua Julião Quintinha Apartado 9 8365-235 Tunes Portugal Website	100	14-9-2011
+ Solid SD-5110	SV: V95003	Solid Security, Lda Rua Julião Quintinha Apartado 9 8365-235 Tunes Portugal Website	100	14-9-2011

Remarks

1. It is not clear whether the device complies with any national or European Union health and safety legislation.
2. The device does not support all denominations. Please contact the supplier for information on denominations supported.
3. The device supports all feeding orientations.
4. The device supports one feeding orientation only.
 1. The correct orientation is clearly indicated on the device.
 2. The correct orientation is not (clearly) indicated on the device.
5. The company has not provided clarification as to the authentication features that the device checks.
6. Please contact the supplier for information on the availability of a user manual in the language of your choice.
7. The user manual lacks instructions on how, and how frequently, the device needs to be serviced in order to continue functioning properly.
8. The current version of the software used by the device cannot be verified by the user.

Disclaimer

- i. The counterfeit euro banknotes used in the test are, to the best of the knowledge of the ECB and the NCBs, those most commonly found in circulation in the euro area at the time of the last update of the test deck used. Since the ECB and the NCBs cannot foresee or rule out the possibility of new types of counterfeit appearing after the test deck has been updated, manufacturers are responsible for retesting the various types of device on a regular basis. Furthermore, distributors and users of these devices are responsible for having the authentication sensors integrated in their devices periodically updated in order to detect new counterfeits.
- ii. To the extent permitted by applicable law, the ECB and the NCBs do not accept any liability whatsoever for (i) any direct or indirect damage resulting from the performance of the tests, or the test results' publication or non-publication on or removal from this page of the ECB's website, or (ii) the outcome of the tests. Separate disclaimers are made by the Deutsche Bundesbank and the Banco de Portugal.¹
- iii. The published test results neither contain nor imply any recommendation by the ECB or the NCBs to the effect that third parties should or should not use the type of device tested.
- iv. This statement does not imply any warranty by the ECB or the NCBs, whether express or implied, to the effect that the types of device tested can detect counterfeit euro banknotes continuously and without error, or concerning their fitness for use, or their purpose, irrespective of whether the users of the devices comply with the user requirements.

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