

Mainz, 01.10.2020

List of coin validation devices

Alongside coin processing and coin acceptance devices for professional use by parties subject to Regulation (EU) No 1210/2010 and section 36 of the Bundesbank Act, the Deutsche Bundesbank also tests – at the request of the manufacturer – coin validators, coin modules, cash-recycling-machines (CRM/retail) and customer-operated deposit devices (type 1, retail) designed for other purposes.

The test results are valid for two years from the issue date (test date).

Important:

The coin validators, coin modules and customer-operated deposit devices (type 1, retail) listed here are not subject to Regulation (EC) No 1338/2001 or Regulation (EU) No 1210/2010. They were tested at the request of the manufacturer. The devices put forward by the manufacturers were assessed only in terms of whether they were able to reliably detect the counterfeit euro coins most frequently removed from circulation at the time of testing. Please note that this publication does not constitute a purchase recommendation on the part of the Bundesbank.

The list of successfully tested coin processing machines pursuant to Regulation (EU) No 1210/2010 can be accessed via www.bundesbank.de => Tasks => Cash management => Coin recycling => Approved coin processing machines.

I. List of coin validation devices successfully tested by the Bundesbank

List I shows coin validators, coin modules, cash-recycling-machines (CRM/retail) and customer-operated deposit devices (type 1, retail) that have successfully passed a test in detecting counterfeit euro coins.

ID	MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TEST DATE
1	CT Coin A/S	Coin Depo	CDS 400	20180919	2081220	CDM1	29.10.2018
2	CT Coin A/S	Compac	Compac 01	20180919	20081220	Module	29.10.2018
3	South Automation Int. GmbH	D104	D104 with Module M104	M19.01	cashDNA M	CDM1	18.01.2019
4	South Automation Int. GmbH	M104	Module M104	M19.01	cashDNA M	Module	18.01.2019
5	Diebold Nixdorf Systems GmbH	CM3 Modul	CM3S	XML Server Version 1	Conveyor CM3	Module	25.09.2019
6	CT Coin A/S	Compac	Compac 01	20191018	20081220	Module	21.10.2019
7	CT Coin A/S	Coin Depo	CDS 400	20191018	2081220	CDM1	21.10.2019
8	HESS Cash Systems GmbH	TopCoin	TopCoin 500	V2.2	HESS Sensor V1	Module	27.11.2019

* CDM1 = Coin Deposit Machine Type 1 (Rejects suspect coins)

CRM-Retail = Cash Recycling Machine – Retail (Rejects suspect coins)

ID	MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TEST DATE
9	HESS Cash Systems GmbH	Hess CashCenter	TopSort	V0.15	CCV9	CRM-Retail	27.11.2019
10	Asahi Seiko Co., Ltd.	CR-8100	CRF-8EUR	CRSB_EU_V01.08	CRSB	CRM-Retail	09.01.2020
11	Asahi Seiko Co., Ltd.	CR-8100	CRF-8EUR	CRSC_EU_V01.05	CRSC	CRM-Retail	09.01.2020
12	Diebold Nixdorf International GmbH	CRL / iCASH	CRA-8EUL / iCASH15E	CRSB_EU_V01.08	CRSB	CRM-Retail	09.01.2020
13	Diebold Nixdorf International GmbH	CRL / iCASH	CRA-8EUL / iCASH15E	CRSC_EU_V01.05	CRSC	CRM-Retail	09.01.2020
14	Suzhou Ribao Technology Co., Ltd.	Coin Counter	DM-211	AD Board 2.54	Alloy Sensor-B	Module	12.02.2020
15	PREMA Cash Handling Systems	Versomat Coin		3.80	MD2	CDM1	26.08.2020
16	PREMA Cash Handling Systems	CoinMaster	CC	4.20	MD3	CDM1	26.08.2020
17	Multi Cash Automation GmbH	MSS	MSS basic 14	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	29.09.2020
18	Multi Cash Automation GmbH	MSS	MSS 14 sort	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	29.09.2020
19	Multi Cash Automation GmbH	MSS	MSS basic 14	V04.00.00.01	MC-CSENSE-20	CDM1	29.09.2020

* CDM1 = Coin Deposit Machine Type 1 (Rejects suspect coins)

CRM-Retail = Cash Recycling Machine – Retail (Rejects suspect coins)

ID	MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TEST DATE
20	Multi Cash Automation GmbH	MSS	MSS 14 sort	V04.00.00.01	MC-CSENSE-20	CDM1	29.09.2020

Please note: See next page for the list of devices declared to conform

* CDM1 = Coin Deposit Machine Type 1 (Rejects suspect coins)
CRM-Retail = Cash Recycling Machine – Retail (Rejects suspect coins)

II. List of devices declared to conform

List II contains devices that have been declared by the manufacturer to conform with a tested device. By submitting a declaration of conformity, the manufacturer provides their assurance that the software, hardware, and essential components used for coin processing are identical to those used in the device tested by the Bundesbank (List I).

MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
CT Coin A/S	Coin Depo	CDS 400	20180919	20081220	CDM1	1
CT Coin A/S	Compac	Compac 05	20180919	20081220	Module	2
CT Coin A/S	Compac	Compac 08	20180919	20081220	Module	
CT Coin A/S	Delta	Delta 01	20180919	20081220	Module	
CT Coin A/S	Delta	Delta 05	20180919	20081220	Module	
CT Coin A/S	Delta	Delta 09	20180919	20081220	Module	
CT Coin A/S	Delta	Delta 22	20180919	20081220	Module	
South Automation Int. GmbH	D106	D106 with Module M106	M19.01	cashDNA M	CDM1	3

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MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
South Automation Int. GmbH	R109	R109 with Module M109	M19.01	cashDNA M	CRM-Retail	3
South Automation Int. GmbH	M106	Module M106	M19.01	cashDNA M	Module	4
South Automation Int. GmbH	M109	Module M109	M19.01	cashDNA M	Module	
Diebold Nixdorf Systems GmbH	CM3 Modul	CM3D	XML Server Version 1	Conveyor CM3	Module	5
CT Coin A/S	Compac	Compac 05	20191018	20081220	Module	6
CT Coin A/S	Compac	Compac 08	20191018	20081220	Module	
CT Coin A/S	Delta	Delta 01	20191018	20081220	Module	
CT Coin A/S	Delta	Delta 05	20191018	20081220	Module	
CT Coin A/S	Delta	Delta 09	20191018	20081220	Module	
CT Coin A/S	Delta	Delta 22	20191018	20081220	Module	
HESS Cash Systems GmbH	TopCoin	TopCoin 250	V2.2	HESS Sensor V1	Module	8

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MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
Asahi Seiko Co., Ltd.	CR-8000V	CR-8000V (8EUR)	CRSB_EU_V01.08	CRSB	CRM-Retail	10
Asahi Seiko Co., Ltd.	CR-8000V	CR-8000V (8EUR)	CRSC_EU_V01.05	CRSC	CRM-Retail	11
Suzhou Ribao Technology Co., Ltd.	Coin Sorter	DM-311	AD Board 2.54	Alloy Sensor-B	Module	14
Suzhou Ribao Technology Co., Ltd.	Coin Sorter	DM-610	AD Board 2.54	Alloy Sensor-B	Module	
Suzhou Ribao Technology Co., Ltd.	Coin Sorter	DM-910	AD Board 2.54	Alloy Sensor-B	Module	
PREMA Cash Handling Systems	PREMA 405	405 F MD2 CN	3.80	MD2	CDM1	15
PREMA Cash Handling Systems	PREMA 405	405 F MD2 CN DC1/DC2	3.80	MD2	CDM1	
PREMA Cash Handling Systems	PREMA 605	605 F MD2 CN	3.80	MD2	CDM1	
PREMA Cash Handling Systems	PREMA 605	605 F MD2 CN DC1/DC2	3.80	MD2	CDM1	
Multi Cash Automation GmbH	MSS	MSS 14	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	17
Multi Cash Automation GmbH	MSS	MSS 14 touch	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	

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CRM-Retail = Cash Recycling Machine – Retail (Rejects suspect coins)

MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
Multi Cash Automation GmbH	MSS	MSS 17	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	17
Multi Cash Automation GmbH	MSS	MSS 17 touch	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14 touch	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14 RL	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14 touch RL	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15 touch	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15 Escrow	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15 touch Escrow	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	SideCar	SideCar basic	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	

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MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
Multi Cash Automation GmbH	SideCar	SideCar basic plus	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	17
Multi Cash Automation GmbH	OEM	OEM basic 14	V03.00.01.01	MC-CSENSE-14 / Gen 3	Module	
Multi Cash Automation GmbH	MC CC	MC CC	V03.00.01.01	MC-CSENSE-14 / Gen 3	CRM-Retail	18
Multi Cash Automation GmbH	OEM	OEM sort 14	V03.00.01.01	MC-CSENSE-14 / Gen 3	Module	
Multi Cash Automation GmbH	MSS	MSS 14	V04.00.00.01	MC-CSENSE-20	CDM1	19
Multi Cash Automation GmbH	MSS	MSS 14 touch	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	MSS	MSS 17	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	MSS	MSS 17 touch	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14 touch	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14 RL	V04.00.00.01	MC-CSENSE-20	CDM1	

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MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14 touch RL	V04.00.00.01	MC-CSENSE-20	CDM1	19
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15 touch	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15 Escrow	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 15 touch Escrow	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	SideCar	SideCar basic	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	SideCar	SideCar basic plus	V04.00.00.01	MC-CSENSE-20	CDM1	
Multi Cash Automation GmbH	OEM	OEM basic 14	V04.00.00.01	MC-CSENSE-20	Module	
Multi Cash Automation GmbH	MC CC	MC CC	V04.00.00.01	MC-CSENSE-20	CRM- Retail	
Multi Cash Automation GmbH	OEM	OEM sort 14	V04.00.00.01	MC-CSENSE-20	Module	

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