

Mainz, 13.07.2021

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 => Cash recycling => Cash processing systems.

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	HESS Cash Systems GmbH	TopCoin	TopCoin 500	V2.2	HESS Sensor V1	Module	27.11.2019
2	HESS Cash Systems GmbH	Hess CashCenter	TopSort	V0.15	CCV9	CRM-Retail	27.11.2019
3	Asahi Seiko Co., Ltd.	CR-8100	CRF-8EUR	CRSB_EU_V01.08	CRSB	CRM-Retail	09.01.2020
4	Asahi Seiko Co., Ltd.	CR-8100	CRF-8EUR	CRSC_EU_V01.05	CRSC	CRM-Retail	09.01.2020
5	Diebold Nixdorf International GmbH	CRL / iCASH	CRA-8EUL / iCASH15E	CRSB_EU_V01.08	CRSB	CRM-Retail	09.01.2020
6	Diebold Nixdorf International GmbH	CRL / iCASH	CRA-8EUL / iCASH15E	CRSC_EU_V01.05	CRSC	CRM-Retail	09.01.2020
7	Suzhou Ribao Technology Co., Ltd.	Coin Counter	DM-211	AD Board 2.54	Alloy Sensor-B	Module	12.02.2020
8	PREMA Cash Handling Systems	Versomat Coin		3.80	MD2	CDM1	26.08.2020
9	PREMA Cash Handling Systems	CoinMaster	CC	4.20	MD3	CDM1	26.08.2020

* 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
10	Multi Cash Automation GmbH	MSS	MSS basic 14	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	29.09.2020
11	Multi Cash Automation GmbH	MSS	MSS 14 sort	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	29.09.2020
12	Multi Cash Automation GmbH	MSS	MSS basic 14	V04.00.00.01	MC-CSENSE-20	CDM1	29.09.2020
13	Multi Cash Automation GmbH	MSS	MSS 14 sort	V04.00.00.01	MC-CSENSE-20	CDM1	29.09.2020
14	CT Coin A/S	Coin Depo	CDS 400	20191018	2081220	CDM1	20.10.2020
15	CT Coin A/S	Compac	01	20191018	20081220	Module	20.10.2020
16	CT Coin A/S	OEM basic		20191018	20081220	Module	20.10.2020
17	GLORY	SDRC-100	CI-100C	060	HGM-3XX	CRM-Retail	27.10.2020
18	GLORY	RCW-100	CI-10C	020	HGM-3	CRM-Retail	27.10.2020
19	Diebold Nixdorf Systems GmbH	CM3 Modul	CM3S	XML Server Version 1	Conveyor CM3	Module	18.05.2021
20	CT Coin A/S	SMARTconcept	Basic SMART 22	1.0.1	20081300	Module	07.07.2021

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

ID	MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TEST DATE
21	CT Coin A/S	SMARTconcept	Compac SMART 01	1.0.1	20081300	Module	07.07.2021

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

* CDM1 = Coin Deposit Machine Type 1 (Rejects suspect coins)
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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)
HESS Cash Systems GmbH	TopCoin	TopCoin 250	V2.2	HESS Sensor V1	Module	1
Asahi Seiko Co., Ltd.	CR-8000V	CR-8000V (8EUR)	CRSB_EU_V01.08	CRSB	CRM-Retail	3
Asahi Seiko Co., Ltd.	CR-8000V	CR-8000V (8EUR)	CRSC_EU_V01.05	CRSC	CRM-Retail	4
Suzhou Ribao Technology Co., Ltd.	Coin Sorter	DM-311	AD Board 2.54	Alloy Sensor-B	Module	7
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	8
PREMA Cash Handling Systems	PREMA 405	405 F MD2 CN DC1/DC2	3.80	MD2	CDM1	

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MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
PREMA Cash Handling Systems	PREMA 605	605 F MD2 CN	3.80	MD2	CDM1	8
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	10
Multi Cash Automation GmbH	MSS	MSS 14 touch	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	MSS	MSS 17	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
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	

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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	OptiCoin	OptiCoin 15 touch	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	10
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	
Multi Cash Automation GmbH	SideCar	SideCar basic plus	V03.00.01.01	MC-CSENSE-14 / Gen 3	CDM1	
Multi Cash Automation GmbH	OEM	OEM basic 14	V03.00.01.01	MC-CSENSE-14 / Gen 3	Module	
Diebold Nixdorf Systems GmbH	DN Series Coin Sidecar	CM4	V03.x	MC-CSENSE-14 / Gen 3	CDM1	10
Multi Cash Automation GmbH	MC CC	MC CC	V03.00.01.01	MC-CSENSE-14 / Gen 3	CRM-Retail	11
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	12
Multi Cash Automation GmbH	MSS	MSS 14 touch	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	MSS	MSS 17	V04.00.00.01	MC-CSENSE-20	CDM1	12
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	
Multi Cash Automation GmbH	OptiCoin	OptiCoin 14 touch RL	V04.00.00.01	MC-CSENSE-20	CDM1	
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	

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MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
Multi Cash Automation GmbH	SideCar	SideCar basic plus	V04.00.00.01	MC-CSENSE-20	CDM1	12
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	13
Multi Cash Automation GmbH	OEM	OEM sort 14	V04.00.00.01	MC-CSENSE-20	Module	
CT Coin A/S	Compac	05	20191018	20081220	Module	15
CT Coin A/S	Compac	08	20191018	20081220	Module	
CT Coin A/S	OEM basic	01	20191018	20081220	Module	16
CT Coin A/S	OEM basic	05	20191018	20081220	Module	
CT Coin A/S	OEM basic	09	20191018	20081220	Module	
CT Coin A/S	OEM basic	22	20191018	20081220	Module	
CT Coin A/S	Delta	01	20191018	20081220	Module	

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MANUFACTURER NAME	MACHINE NAME	MODEL	SOFTWARE VERSION	SENSOR	TYPE*	TESTED MACHINE (ID)
CT Coin A/S	Delta	05	20191018	20081220	Module	16
CT Coin A/S	Delta	09	20191018	20081220	Module	
CT Coin A/S	Delta	22	20191018	20081220	Module	
CT Coin A/S	OEM CDS	01	20191018	20081220	Module	
CT Coin A/S	OEM CDS	09	20191018	20081220	Module	
CT Coin A/S	OEM CDS	28	20191018	20081220	Module	
Diebold Nixdorf Systems GmbH	CM3 Modul	CM3D	XML Server Version 1	Conveyor CM3	Module	19

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