

Mainz, 11.06.2026

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 | Asahi Seiko Co., Ltd. | CR-8100 | CRF-8EUR | CRSB_EU_V01.12 | CRSB | CRM-Retail | 18.07.2024 |
| 2 | Asahi Seiko Co., Ltd. | CR-8000V | CR-8000V (8EUR) | CRSB2_EU3_V01.06 | CRSB2 | CRM-Retail | 18.07.2024 |
| 3 | Asahi Seiko Co., Ltd. | CR-8300 | CR-8300 (8EUR) | CRWB_EU_V01.02 | CRWB | CRM-Retail | 18.07.2024 |
| 4 | Paycomplete | CDS-9 | | 5 | Sensor V2 | CDM1 | 29.08.2024 |
| 5 | Paycomplete | CDS-9 | | 9 | Sensor V4 | CDM1 | 29.08.2024 |
| 6 | Paycomplete | CAM 200 | | 2, 3, 4 and 5 | Sensor V2 | Module | 29.08.2024 |
| 7 | Paycomplete | CAM 208 | | 2, 3, 4 and 5 | Sensor V2 | Module | 29.08.2024 |
| 8 | Paycomplete | CAM 408 | | 9 | Sensor V4 | Module | 29.08.2024 |

* 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 | CT Coin A/S | Compac | 01 | 20191018 | 20081220 | Module | 26.09.2024 |
| 10 | CT Coin A/S | OEM basic | | 20191018 | 20081220 | Module | 26.09.2024 |
| 11 | CT Coin A/S | Basic | Basic 01 SC | 2.4.0/ZDRVG | 20081300 | Module | 26.09.2024 |
| 12 | CT Coin A/S | Compac | Compac 01 SC | 2.4.1/ZDRVG | 20081300 | Module | 26.09.2024 |
| 13 | South Automation Int. GmbH | Module M104 | | M19.02 | cashDNA M V2 | Module | 15.10.2024 |
| 14 | Innovative Technology Ltd | Smart Coin System | | EUR01074_1.39 | Coin Feeder | Module | 16.12.2024 |
| 15 | Crane Payment Inovations Ltd. | Compact Coin Recycler (CCR) | | 1.0.0 | 48A_0EUR00_6005 | CRM-Retail | 08.04.2025 |
| 16 | Crane Payment Inovations Ltd. | v ² - colibri | | 92.00.509 | MFT | coin validator | 09.04.2025 |
| 17 | Suzhou Ribao Technology Ltd | Coin Sorter | DM-211 | AD Board 3.1 | Alloy Sensor-D | Module | 20.05.2025 |
| 18 | HESS Cash Systems GmbH | TopCoin | TopCoin 500 | V2.30 | HESS Sensor V3 | Module | 06.11.2025 |
| 19 | HESS Cash Systems GmbH | TopCoin | TopCoin 500 | V2.40 | HESS Sensor V3 | Module | 06.11.2025 |

* 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 | HESS Cash Systems GmbH | TopCoin | TopCoin 500 | V2.30 | HESS Sensor V4 | Module | 06.11.2025 |
| 21 | HESS Cash Systems GmbH | TopCoin | TopCoin 500 | V2.40 | HESS Sensor V4 | Module | 06.11.2025 |
| 22 | Azkoyen Vending & Payment Solutions, S.L.U. | Pos2023 Coin EU | Cashlogy | 41283601 | Pina | CRM-Retail | 14.11.2025 |
| 23 | Masterwork Automodules Tech Corp Ltd. | MACOIN | | B01BE | 8-123 | CRM-Retail | 11.03.2026 |
| 24 | Multi Cash Automation GmbH | MSS | MSS 25 sort | V03.00.01.01 | MC-CSENSE-14 / Gen. 3 | CDM1 | 07.05.2026 |
| 25 | Multi Cash Automation GmbH | MSS | MSS 25 sort | V05.00.00.01 | MC-Sens-G7 | CDM1 | 07.05.2026 |
| 26 | Multi Cash Automation GmbH | MC | MC CC 2 | V03.00.01.01 | MC-CSENSE-14 / Gen. 3 | CRM-Retail | 07.05.2026 |
| 27 | Multi Cash Automation GmbH | MC | MC CC 2 | V05.00.00.01 | MC-Sens-G7 | CRM-Retail | 07.05.2026 |
| 28 | Multi Cash Automation GmbH | OEM | OEM sort | V03.00.01.01 | MC-CSENSE-14 / Gen. 3 | Module | 07.05.2026 |
| 29 | Multi Cash Automation GmbH | OEM | OEM sort | V05.00.00.01 | MC-Sens-G7 | Module | 07.05.2026 |
| 30 | Astrosystems Ltd. | Microcoin SP | SP | EU048-256.cfgx | TRADM sensor | coin validator | 28.05.2026 |

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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 |
|----|-----------------------------|---------------|-------|------------------|--------|-------|------------|
| 31 | PREMA Cash Handling Systems | Versomat Coin | | 3.80 | MD2 | CDM1 | 10.06.2026 |
| 32 | PREMA Cash Handling Systems | CoinMaster CC | | 4.20 | MD3 | CDM1 | 10.06.2026 |

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) |
|------------------------------|--------------|---------------------|------------------|-----------|------------|---------------------|
| Asahi Seiko Co., Ltd. | CR-8000V | CR-8000V (8EUR) | CRSB_EU_V01.12 | CRSB | CRM-Retail | 1 |
| Diebold Nixdorf Systems GmbH | CRL / iCASH | CRA-8EUL / iCASH15E | CRSB_EU_V01.12 | CRSB | CRM-Retail | |
| Diebold Nixdorf Systems GmbH | iCASH | iCASH65 | CRSB_EU_V01.12 | CRSB | CRM-Retail | |
| Asahi Seiko Co., Ltd. | CR-8500V | CR-8500V (8EUR) | CRSB2_EU3_V01.06 | CRSB2 | CRM-Retail | 2 |
| Asahi Seiko Co., Ltd. | CR-8100 | CRF-8EUR | CRSB2_EU3_V01.06 | CRSB2 | CRM-Retail | |
| Diebold Nixdorf Systems GmbH | CRL / iCASH | CRA-8EUL / iCASH15E | CRSB2_EU3_V01.06 | CRSB2 | CRM-Retail | |
| Diebold Nixdorf Systems GmbH | iCASH | iCASH65 | CRSB2_EU3_V01.06 | CRSB2 | CRM-Retail | |
| PayComplete | CDS-820i | | 5 | Sensor V2 | CDM1 | 4 |

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

| MANUFACTURER NAME | MACHINE NAME | MODEL | SOFTWARE VERSION | SENSOR | TYPE* | TESTED MACHINE (ID) |
|-------------------|--------------|-------|------------------|-----------|--------|---------------------|
| PayComplete | CDS-820j | | 5 | Sensor V2 | CDM1 | 4 |
| PayComplete | CDS-9L | | 5 | Sensor V2 | CDM1 | |
| PayComplete | CDS-9L | | 9 | Sensor V4 | CDM1 | 5 |
| Paycomplete | CAM 300 | | 2, 3, 4 and 5 | Sensor V2 | Module | 6 |
| Paycomplete | CAM 308 | | 2, 3, 4 and 5 | Sensor V2 | Module | 7 |
| Paycomplete | CAM 400 | | 9 | Sensor V4 | Module | 8 |
| CT Coin A/S | Compac | 05 | 20191018 | 20081220 | Module | 9 |
| CT Coin A/S | Compac | 08 | 20191018 | 20081220 | Module | |
| CT Coin A/S | OEM basic | 01 | 20191018 | 20081220 | Module | 10 |
| CT Coin A/S | OEM basic | 05 | 20191018 | 20081220 | Module | |
| CT Coin A/S | OEM basic | 09 | 20191018 | 20081220 | Module | |

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

| MANUFACTURER NAME | MACHINE NAME | MODEL | SOFTWARE VERSION | SENSOR | TYPE* | TESTED MACHINE (ID) |
|-------------------|--------------|-------------|------------------|----------|--------|---------------------|
| CT Coin A/S | OEM basic | 22 | 20191018 | 20081220 | Module | 10 |
| CT Coin A/S | Delta | 01 | 20191018 | 20081220 | Module | |
| CT Coin A/S | Delta | 05 | 20191018 | 20081220 | Module | |
| 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 | |
| CT Coin A/S | Basic | Basic 05 SC | 2.4.0/ZDRVG | 20081300 | Module | |
| CT Coin A/S | Basic | Basic 09 SC | 2.4.0/ZDRVG | 20081300 | Module | |
| CT Coin A/S | Basic | Basic 22 SC | 2.4.0/ZDRVG | 20081300 | Module | |

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| MANUFACTURER NAME | MACHINE NAME | MODEL | SOFTWARE VERSION | SENSOR | TYPE* | TESTED MACHINE (ID) |
|-----------------------------|--------------|--------------------|------------------|----------------|--------|---------------------|
| CT Coin A/S | Compac | Compac 05 SC | 2.4.1/ZDRVG | 20081300 | Module | 12 |
| CT Coin A/S | Compac | Compac 08 SC | 2.4.1/ZDRVG | 20081300 | Module | |
| CT Coin A/S | Compac | Compac 22 SC | 2.4.1/ZDRVG | 20081300 | Module | |
| CT Coin A/S | Compac | Compac 09 Straight | 2.4.1/ZDRVG | 20081300 | Module | |
| South Automation Int. GmbH | Module M102 | | M19.02 | cashDNA M V2 | Module | 13 |
| South Automation Int. GmbH | Module M109 | | M19.02 | cashDNA M V2 | Module | |
| Suzhou Ribao Technology Ltd | Coin Sorter | DM-311 | AD Board 3.1 | Alloy Sensor-D | Module | 17 |
| Suzhou Ribao Technology Ltd | Coin Sorter | DM-610 | AD Board 3.1 | Alloy Sensor-D | Module | |
| Suzhou Ribao Technology Ltd | Coin Sorter | DM-910 | AD Board 3.1 | Alloy Sensor-D | Module | |
| Suzhou Ribao Technology Ltd | Coin Sorter | CHS-112C-S | AD Board 3.1 | Alloy Sensor-D | Module | |
| Suzhou Ribao Technology Ltd | Coin Sorter | RSD-211 | AD Board 3.1 | Alloy Sensor-D | CDM1 | |

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| MANUFACTURER NAME | MACHINE NAME | MODEL | SOFTWARE VERSION | SENSOR | TYPE* | TESTED MACHINE (ID) |
|----------------------------|--------------|------------------|------------------|----------------------|-------|---------------------|
| Multi Cash Automation GmbH | MSS | MSS 21 | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | 24 |
| Multi Cash Automation GmbH | MSS | MSS 25 | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS 25 basic | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS 25 Escrow | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS basic 14 | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS basic Escrow | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS micro | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS nano | 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 DNS | 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 | |

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| MANUFACTURER NAME | MACHINE NAME | MODEL | SOFTWARE VERSION | SENSOR | TYPE* | TESTED MACHINE (ID) |
|------------------------------|-----------------------|------------------------|------------------|----------------------|-------|---------------------|
| Multi Cash Automation GmbH | OptiCoin | OptiCoin 15 Escrow | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | 24 |
| Multi Cash Automation GmbH | SideCar | SideCar SelfS-erv_ns | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | SideCar | SideCar SelfS-erv_sort | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | SideCar | SideCar slim DNS | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Multi Cash Automation GmbH | SideCar | SideCar X20 CoinIn | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | |
| Diebold Nixdorf Systems GmbH | DN Series Coinsidecar | CM4 | V03.00.01.01 | MC-CSENSE-14 / Gen 3 | CDM1 | 24 |
| Multi Cash Automation GmbH | MSS | MSS 21 | V05.00.00.01 | MC-Sens-G7 | CDM1 | 25 |
| Multi Cash Automation GmbH | MSS | MSS 25 | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS 25 basic | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS 25 Escrow | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS basic 14 | V05.00.00.01 | MC-Sens-G7 | 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 basic Escrow | V05.00.00.01 | MC-Sens-G7 | CDM1 | 25 |
| Multi Cash Automation GmbH | MSS | MSS micro | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | MSS | MSS nano | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | OptiCoin | OptiCoin 14 | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | OptiCoin | OptiCoin DNS | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | OptiCoin | OptiCoin 14 RL | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | OptiCoin | OptiCoin 15 Escrow | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | SideCar | SideCar SelfS-erv_ns | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | SideCar | SideCar SelfS-erv_sort | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | SideCar | SideCar slim DNS | V05.00.00.01 | MC-Sens-G7 | CDM1 | |
| Multi Cash Automation GmbH | SideCar | SideCar X20 CoinIn | V05.00.00.01 | MC-Sens-G7 | 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) |
|------------------------------|-----------------------|-------------------------|------------------|--------------------------|--------|---------------------|
| Diebold Nixdorf Systems GmbH | DN Series Coinsidecar | CM4 | V05.00.00.01 | MC-Sens-G7 | CDM1 | 25 |
| Multi Cash Automation GmbH | OEM | OEM basic | V03.00.01.01 | MC-CSENSE-14 / Gen. 3 | Module | 28 |
| Multi Cash Automation GmbH | OEM | OEM basic Escrow | V03.00.01.01 | MC-CSENSE-14 / Gen. 3 | Module | |
| Multi Cash Automation GmbH | OEM | Zähleinheit 20 | V03.00.01.01 | MC-CSENSE-14 / Gen. 3 | Module | |
| Multi Cash Automation GmbH | OEM | Zähleinheit 25 | V03.00.01.01 | MC-CSENSE-14 / Gen. 3 | Module | |
| Multi Cash Automation GmbH | OEM | OEM basic | V05.00.00.01 | MC-Sens-G7 | Module | 29 |
| Multi Cash Automation GmbH | OEM | OEM basic Escrow | V05.00.00.01 | MC-Sens-G7 | Module | |
| Multi Cash Automation GmbH | OEM | Zähleinheit 20 | V05.00.00.01 | MC-Sens-G7 | Module | |
| Multi Cash Automation GmbH | OEM | Zähleinheit 25 | V05.00.00.01 | MC-Sens-G7 | Module | |
| PREMA Cash Handling Systems | PREMA 405 | 405 F MD2 CN | 3.80 | MD2 | CDM1 | 31 |
| PREMA Cash Handling Systems | PREMA 405 | 405 F MD2 CN DC1/DC2 | 3.80 | MD2 | 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) |
|-----------------------------|--------------|-------------------------|------------------|--------|-------|---------------------|
| PREMA Cash Handling Systems | PREMA 605 | 605 F MD2 CN | 3.80 | MD2 | CDM1 | 31 |
| PREMA Cash Handling Systems | PREMA 605 | 605 F MD2 CN DC1/DC2 | 3.80 | MD2 | CDM1 | |

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