

# RM5 Evolution

Electronic coin validator



The record-breaking coin validator

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The RM5 Evolution coin validator is known worldwide for its quality and reliability. Its electronics combines extraordinary selectivity with extreme programming versatility: the Cloning system allows the transfer of the configuration parameters from one sample coin validator to another.

### Features

- 3 pairs of inductive sensors which are used to process 6 different parameters regarding the material and the mass
- 3 pairs of optical sensors to determine coin's diameter
- A mechanical anti-fishing device
- An electronic anti-fishing device
- Wire cutting blade
- Automatic optical sensor compensation system for variations in temperature, voltage and lighting
- Identification channels: up to 59, each of them can be redirected to the outlets. The first 6 support Self-Prog mode
- Open collector outputs
- Serial interface for external connections (portable programmer or PC) for calibrating and testing, as well as for updating the value and operating parameters tables
- Credit recognition: parallel, binary, pulse
- Available in tropicalised version to be used in environments affected by adverse weather conditions



### Tools

**Clone 5**  
Programming, configuration and diagnostics software (not for use with the ccTalk giochi Italia version).



**Programmer**  
Portable tool for on-site programming, configuration and diagnostic operations (not for use with the ccTalk version).

### Versions

- USB
- ccTalk
- Parallel Validator
- Parallel Validator with sorter
- Spain mode validator
- Binary Validator
- Confida Binary Validator
- Multipulse validator
- 2 price totaliser
- 1 price totaliser with timed internal reset
- Fountain totaliser
- Credit pulse emission totaliser
- Credit pulse emission totaliser with sorter control
- Progressive timer
- Progressive timer with timed credit pulse emission upon request
- Progressive timer with counter outlet
- Totaliser with credit pulse upon request
- Totaliser with timed credit pulse emission upon request

### Optional accessories

- RM1000-ADATTA5 vertical adaptor for vending machines without coin recycler
- Validator Adaptor from 3½" to 5"
- Front plates: mod. F1 (60x118 mm) - F3 (60x180 mm) - F6 (60x152 mm)
- Coin collection funnels of various heights: 9/16/25 mm
- AGCAVO10P: standard cable to connect the coin validator to the host machine. Available lengths: from 15 to 250 cm
- RMPRINTERF5: cable to connect an RM5 Evolution to a PC in serial mode
- USB SERIAL: cable for converting a serial connection to a USB connection
- Programmer
- USB Kit
- MDB adapter
- Customisable label by quantity
- Wide range of sorters

Model	Coin entry	Coin reject
G	Top	Bottom
F	Top or front	Front
B	Top or front	Bottom
V	Top	Front

### Technical specifications

Dimensions (LxHxW)	89 x 102 x 46,4 mm
Weight	185 g
Power supply	12 ÷ 24 Vdc ± 10%
Power consumption	4W at 12 Vdc
Current consumption	In stand-by: 35 mA max, 12 Vdc During identification: 50 mA max, 12 Vdc During acceptance: 340 mA max, 12 Vdc
Maximum current capacity	200 mA at 24 Vdc ±10% (from channel 1 to channel 4) 800 mA at 24 Vdc ±10% (from channel 5 to channel 6)
Operating temperature	-20°C ÷ +70 °C - 10 ÷ 75% humidity non-condensed (standard version)
Coins accepted	Ø 16 ÷ 31.5 – Thickness up to 3.3 mm
Acceptance speed	up to 3 coins per second



Front plates: mod. F1 (60x118 mm)  
F3 (60x152 mm) - F6 (60x180 mm)

RM1000-ADATTA5 vertical adaptor for vending machines without coin recycler