

# RM5 Evolution

Electronic coin validator



The coin validator of undisputed quality and reliability

## The record-breaking coin validator

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
- An electronic anti "intrusion" device (only for version F)
- 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 collection outlets
- 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
- Also 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

- 00 Parallel Validator
- 01 Parallel Validator with sorter
- E0 Spain mode validator
- AT Spain mode validator with differentiated time pulses
- B0 Binary Validator
- BC Confida Binary Validator
- 0M Multipulse validator
- 10 2 price totaliser
- 14 1 price totaliser with timed internal reset
- FD Fountain totaliser
- 20 Credit pulse emission totaliser
- 21 Credit pulse emission totaliser with sorter control
- 30 Progressive timer
- 3R Progressive timer with timed credit pulse emission upon request
- 3C Progressive timer with counter outlet
- 40 Totaliser with credit pulse upon request
- 60 Totaliser with timed credit pulse emission upon request
- 70 Single-price multiple sale totaliser

### 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)
- Special F6 front plate with lock
- Protection for the F6 front plate, to protect against break-in and fraud attempts
- Protection device to protect the RM5 against external agents, such as water or jets
- 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 the RM5 Evolution to a PC in serial mode
- USB SERIAL: cable for converting a serial connection to a USB connection
- Customizable label by quantity
- Programmer
- USB Kit
- MDB adapter

### Mechanical configurations

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

### 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	0 °C ÷ 55 °C - 10 ÷ 75% humidity non-condensed
Coins accepted	Ø 16 ÷ 31.5 – Thickness up to 3.3 mm
Recognisable coins	all euro coins from 1 c to 2 €
Acceptance speed	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