

## wh Münzprüfer Berlin

### EMP 780 v5

With flash technology

Enhanced measurements

32 channels

Cloning function

TeachMode function optional

6-way integral sorter

Battery operation optional

Stepper version

Parallel or serial interface



### Electronic coin selector

The electronic coin selector EMP 780 v5 is the No. 1 choice for all vending and gaming requirements where quality and security are the prime concerns. The coin selector directs the coins separately into 4 tubes, one main cash box and return shaft. A special feature for the recognition of bi-colour coins complements an already perfected coin acceptance. Monitoring functions incorporated ensure a perfect coin sorting and offer the highest degree of security against manipulation. Any attempt at manipulation or system failure will be signalled to the machine controller. Alarm signals can be also provided via a parallel interface. PC Programming: Windows™ software wheasy 3

### Distributed by:

## On-Site programming – no additional equipment

With the teach mode function additional coins and tokens may be programmed.

## Programming with wheasy 3

Using the **cloning function** (programming without coins) new data sets may be safely transferred directly into a coin selector or the device may be changed to a different currency.

Using the **calibration and test functions** new coins may be calibrated and the inbuilt diagnostic functions enable you to thoroughly test the overall operation of the coin selector.

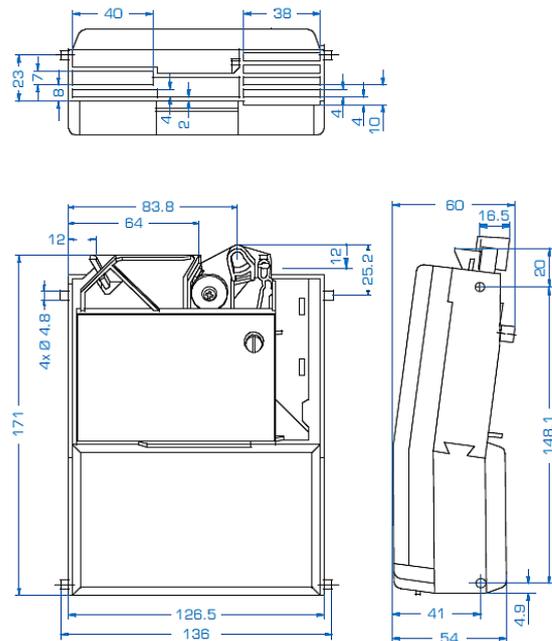
Using the **function 'firmware update'** (flash technology) new microprocessor software may be transferred into the coin selector.

## Technical Data

Coin acceptance	32 active channels, up to 16 different coins or tokens
Max. coin sizes	Diameter: 33.5mm thickness: 3.5mm
Coin blocking	16 DIP switches for blocking individual and / or coin groups
Temp. range	+10°C to +70°C, humidity classification: according to DIN 40040: F
Supply voltage	10 to 28 volts DC (BOTA-interface 8 to 28 V)
Supply current	<40 mA, during coin acceptance temporarily 1 A peak current

## Options

/B	Battery operated
/D	Rim detection
/E	Temperature range -20°C to +70°C Humidity classification: E/D
/T	Teachmode (2 coin channels active)



## Interfaces

EMP780.03 v5	6 parallel output lines, 16-pole connector plug
EMP780.13 v5	Serial, multi drop bus protocol
EMP780.13 v5 /G	ccTalk interface, 10-pole connector

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