

OPERATION MANUAL OF STUDYING TYPE COIN ACCEPTOR

(MODEL: 168, COMPATIBLE WITH THE MODEL 145 AND 188)

(1) INTRODUCTION OF MAIN FUNCTION:

1. Using the intelligent multi-function CPU system, automatically identify the coin by material, thickness and diameter.
2. Collect and store the data of up to 60 sample coins.
3. Switchable accuracy: MGN (Strict), NOM (Normal) and MAX (Slack).
4. Capable of connecting the counter.

(2) HOW TO PROGRAM THE COIN ACCEPTOR FOR A COIN:

1. Put setting switch from START to **SET**.
2. Make sure the accuracy switch is at **NOM** and speed switch at **Medium**, mode switch at **N.O.**
3. **Press and hold the small button in center** until you hear a long beep to clear the old data in memory.
4. Insert sample coins to study (max 60 sample coins can be studied, and you will hear beeps when the memory is full). It's not necessary to study 60 sample coins, but it's recommended to study no less than 20 sample coins, including brand new, used and old ones. To add more sample coins in the future, just repeat the step 1, 2, 4 and 5.
5. After finishing study, put back the setting switch from SET to START. If you want the coin acceptor to have a maximum acceptance rate, put the accuracy switch from NOM to MAX.
6. Please power on the coin acceptor for more than 10 minutes before programming, and you can get the optimal programming effect.

(3) STANDARDS AND OPERATING INSTRUCTIONS:

Applicable Coin Diameter = 18mm –29mm

Applicable Coin Thickness = 1.2mm – 3.0mm

Working Voltage = DC12V ± 20%

Temperature = -20°C~50°C

1. Put the mode switch to **N.O.** (Normal Open), unless you are sure that your machine must work with N.C. (Normal Close) mode.
2. Put the speed switch to **Medium**, unless you are sure that your machine requires Fast (Short) or Slow (Long) pulse signal.
 - FAST: 25ms (short pulse signal)
 - MEDIUM: 45ms (medium pulse signal)
 - SLOW: 65ms (long pulse signal by TIMER SWITCH for synchronizing with your machine)
3. When the coin acceptor is used, the coin setting switch needs to be set correctly according to the coin that was selected.
4. **The small button in center** can also be used to set 2~5 coins for one pulse signal output. When you want to program the coin acceptor to give one pulse signal after accepting 2 - 5 coins, put the setting switch to **SET** and put the accuracy switch to **MGN**. The initial setting is two "BEEPS", that mean two coins for one pulse signal output. Press the small central button one more time, you'll hear 3 BEEPS, at the most the coin acceptor can be set to take 5 coins for each pulse signal output. After setting, just repeat **(2) - 5 & 6 steps** to complete study of sample coins.

(4) WIRING INSTRUCTIONS:

