GLORY

GFB-800/900 series
Banknote counting machine

High quality, reliable performance with MCCD system to protect against counterfeits

Glory Global Solutions is a World Expert in cash management, delivering technology and solutions that provide security, productivity and innovation to our customers. These solutions are supported by the technical expertise of GLORY Group of Japan, the pioneer in development and manufacture of money handling machines across the financial, retail, vending machine, amusement and gaming industries for nearly 100 years.

Across the world, Glory Global Solutions is trusted by thousands of organisations to ensure their cash is managed securely and efficiently whilst delivering the ultimate in productivity. 2,500 professionals, including over 1,300 service and support staff and 350 business partners cover over 128 countries delivering these solutions – wherever money moves.

Exceptional reliability

Glory's range of cash handling solutions are constructed using original Glory brand parts that have been manufactured by Glory since 1918. Our products are the culmination of our expertise, experience and commitment that has been developed and fostered over our many years in business.

It is with great pride and assurance that we provide products offering the best in quality, functionality, operability and durability. Our customers can be assured of years of reliable service from our products. The exceptional performance of our products raises the bar on quality and efficient banknote counting and identification operations.

Solutions for banknote counting and identification

All the MCCDs (Multiple Currency Counterfeit Detector) used in our banknote counters have been developed by Glory. Although many of these outstanding technologies lie deep inside our devices, where they are not readily visible, be assured that each GFB is supported by an abundance of advanced Glory technologies.

UV Ultra violet detection sensor

MG Magnetic ink detection sensor

MT Metal detection sensor

IR Infrared ink detection sensor

Various types of MCCDs, all developed by Glory

The MCCDs can be used in a wide range of combinations for compatibility with various banknotes from countries around the world. As we see an increase in the appearance and distribution of counterfeit banknotes as a result of more advanced and diverse counterfeiting technologies, primarily, the advancement and spread of digital copying and printing technologies, the GFB family can help combat the ever increasing threat.

With the GFB-800/900 as the base unit, a GFB can be equipped with various types of MCCDs for compatibility with numerous sizes and characteristics of almost any banknote. Various configurations are available in the GFB-800 and GFB-900 range. These can include combinations of denomination detection by width / length, UV, MG, MT, IR. For the model most suitable for your needs please contact your nearest sales office.

With the "CF auto mode" function, the GFB identifies the specific characterises of the banknotes being counted and then automatically turns on each MCCD sensor as needed.*

*This applies to models equipped with multiple MCCD sensors

GFB-800/900
Technical Information

Dimensions (W × H × D)	275 mm × 235 mm × 230 mm
Weight	5.5kg – 6.0kg
Countable note size	50 × 85 mm – 110 × 185 mm Thickness: 0.06 – 0.12 mm
Counting speed	1800, 1500, 1000, 500 notes per minute (four step system)
Feed system	Roller friction system
Hopper capacity	300 sheets
Stacker capacity	200 sheets
Counting display	4-digit LED (large)
Batch display	3-digit LED (small)
Power supply	AC100–240V 50/60Hz
Power consumption	1.2A (100–127V), 0.6A (220–240V)
Buzzer	Gives an alarm when a different denomination is detected

*Specifications are subject to change without notice.
*Please read the instruction manual carefully to ensure correct equipment usage.

Speed and efficiency that contribute to smooth business operations

Glory GFB banknote counters achieve a high counting speed of 1800 notes per minute, one of the fastest in the world for a device in this class. Glory's acclaimed technologies overcome the possibility of increased errors and miss–count rates that often accompany increased speed, making it possible to achieve a counting speed unmatched by conventional counters. Glory's GFBs can also be set to counting speeds of 1500, 1000 and 500 notes per minute.

Batch operations – fast, efficient banknote bundling

Glory GFBs are equipped with automatic batch functions, and preset keys can be used to quickly select batch sizes of 10, 20, 25, 50 and 100 notes. The counter's numeric keypad can also be used to manually set the batch capacity from 1 to 999.

Intuitive functions and speedy operation

- Easy to see, easy to understand display panel

- Fast, easy operation using the numeric keypad

- Simply select auto-start or manual-start

- With auto-start, banknotes are placed in the counter's hopper, note counting beings automatically and the notes are simultaneously checked for authenticity.

- When counted or bundled, notes are removed from the stacker, the note counter automatically resets itself for the next operation.

Option

Counter display – The counter display allows the customer to easily view counter totals

Interface – Interface for connecting the banknote counter to a computer terminal or other devices with an RS232C interface