

## PRO 100 series

### Maximizes functionality and reliability



The PRO 100 series of professional banknote counters have an extended feature set. Thanks to its enhanced mechanical construction, these counters can be used for any volume of cash processing. The built-in voltage regulator allows the PRO 100 series to be used under various electrical voltages, ranging from 90V to 250V. The quality of banknote verification and extensive functionality ensures these counters are suitable everywhere, from small stores in remote areas to large city banks..

Ícônes :



CDA-automatic currency testing filter

Ultraviolet detection (for models PRO 100 U and PRO 100 UM)

Magnetic detection (for model PRO 100 UM)

Optical density detection (double banknotes)

Banknote size detection

Audio alarm for suspicious banknotes

Summation

Embedded clock and calendar

Built-in voltage regulator

### ► FUNCTIONS & ADVANTAGES

- Able to count different currencies from around the world
- CDA- automatic currency testing filter – adjusts the currency type with the pressing of a single button
- Variable counting speed of 800/1000/1200/1500 banknotes per minute
- Summation and batch functions
- Verifies banknotes during counting process by:
  - Ultraviolet detection (PRO 100 U, PRO 100 UM)
  - Magnetic detection (PRO 100 UM)
  - Banknote size detection
  - Optical density and double banknote detection
- Ability to adjust the sensitivity of sensors
- Audio and code alarms when a suspicious banknote is detected
- Bright contrast LCD display
- Shows text descriptions of error codes on the display
- Embedded clock and calendar
- Built-in voltage regulator
- Enhanced mechanical construction



The summation function allows you to count the total number of banknotes from several stacks. Use buttons 0-9 to set the desired number of banknotes.



The PRO 100 is equipped with manual and automatic start modes. Choosing manual start, with the special auxiliary hopper plates can help ensure neat and accurate placement of banknotes in the device prior to operation.



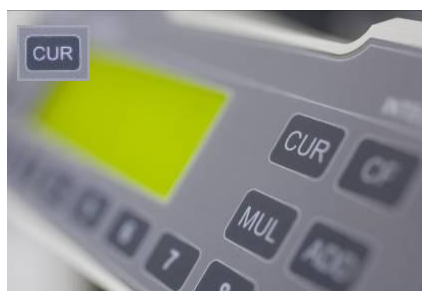
The bright contrast LCD display clearly shows the counting results under any lighting condition. The operation functions are convenient and easy to understand.



Guides and the construction of the operating track allow banknotes to be processed neatly and efficiently. The PRO 100 series of banknote counters perform equally well with new or used banknotes.



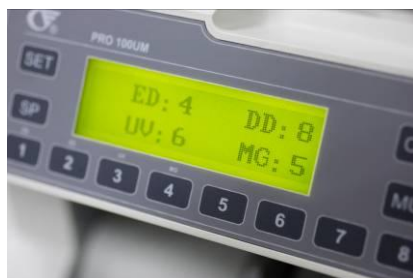
Adjusting the auxiliary hopper plates allows the user to put up to 600 banknotes on the hopper.



Preprogrammed currencies, including the euro, US dollars, Russian rubles, and other currencies, can be chosen by pressing a single button. The CDA automatic filter adjusts all of the device's sensors to appropriate settings for the selected currency, which ensures accurate verification and reduces errors during the counting process. By turning off the CDA filter, the user may count currencies from other countries based on average parameters.

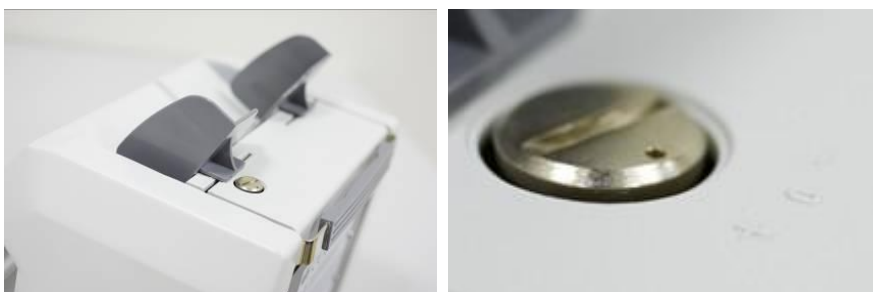


Select functions can be easily performed by pressing the buttons on the control panel. The touch panel provides durability and eliminates the blocking of buttons. The control panel is protected against liquid, dust, or other damaging elements.

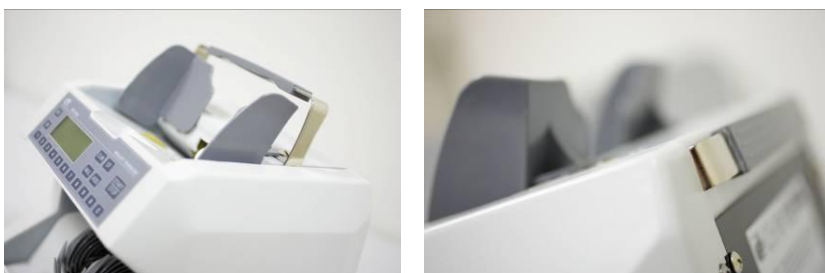


The sensor sensitivity can be easily adjusted according to the currency type and banknotes' status

- Optical density detection – 9 levels
- Size detection – 7 levels
- Ultraviolet detection – 9 levels for each currency, set independently
- Magnetic detection – 9 levels for each currency, set independently



With the convenient paper thickness adjustment screw for the feeder slot, the PRO 100 series can be easily adjusted to the banknote's thickness and density.



The convenient metal carrying handle allows you to move the counter without trouble. The carrying handle folds back during operation.



Selecting the counting speed of 1500/1200/1000/800 banknotes per minute allows the user to adjust the counter to operate with banknotes of different physical conditions, both new and old banknotes.



When an error occurs, the display shows a detailed text description of the reason for stopping.



On the back of the banknote counter is a port for connecting the device to an external display and an RS-232 port for connecting to a single automated system of cash handling.



Each banknote counter of the PRO 100 series has a built-in voltage regulator, which allows the device to count banknotes without stopping during voltage jumps or unstable supply voltage (from 90V to 250V). During a sudden change of voltage, the counter's operation will not fail and all operating modes will continue to work at the high speed of 1500 banknotes per minute. Information will remain on the display and the results will not be reset.



An enhanced mechanical construction allows the device to count any volume of cash. The PRO 100 series banknote counters are successfully used by cashiers in banks.



In standby mode, the display shows a clock and the date.

► **SPECIFICATION OF PRO 100 series**

	PRO 100	PRO 100U	PRO 100UM
Model of the counter			
Counting speed, Banknotes/min		800/1000/1200/1500	
Optical density detection	+	+	+
Size detection	+	+	+
UV Detection	-	+	+
MG Detection	-	-	+ (EUR, USD, RUR)
Banknote size, mm		40x110–100x190	
Hopper/Stacker capacity, Banknotes		600 / 300	
Batch size, Banknotes		preprogrammed or variable 1-999	
Power Supply, V/Hz		100-250/50-60	
Net weight, Kg		5,5	
Dimensions, mm		270x235x240	