

## PRO 85 series

### Professional banknote counters

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The PRO 85 series of professional banknote counters is a unique combination of functionality and affordability. The PRO 85 can be an irreplaceable assistant for cashiers in banks, offices, and retail outlets.



Icons:



Ultraviolet detection (for models PRO 85 U and PRO 85 UM)

Magnetic detection (for model PRO 85 UM)

Optical density detection (double banknotes)

Banknote size detection

Summation

External display is included

10-x magnifier is included

Audio alarm for suspicious banknotes

#### ► FUNCTIONS & ADVANTAGES

- Able to count different currencies from all around the world
- CDF filter provides accurate currency verification and one button currency changing
- Variable counting speed of 900/1200/1500 banknotes per minute
- Summation and batch functions
- A comprehensive inspection of banknotes with:
  - Ultraviolet detection (PRO 85 U, PRO 85 UM)
  - Magnetic detection (PRO 85 UM)
  - Banknote size detection
  - Optical density detection
  - Authenticity of microprints (using the magnifier)
- Able to adjust the sensitivity of sensors
- Audio and code indicators when a suspicious banknote is detected
- Bright contrast LED display
- External display and 10-x magnifier are included in the kit



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



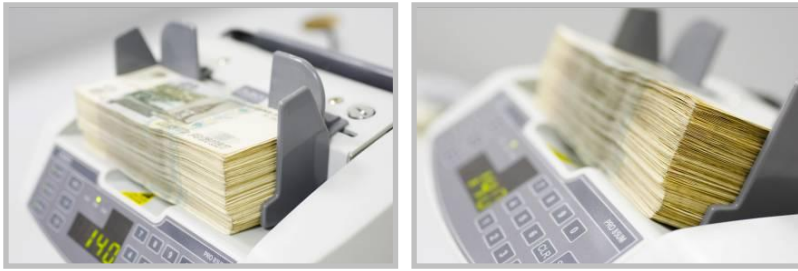
The PRO 85 is equipped with manual and automatic start modes. Choosing manual start, with the special auxiliary hopper plates can help ensure neat and accurate placement of banknotes in the device prior to operation.



The bright contrast LED display clearly shows the counting results under any lighting conditions. The device's functions are convenient and easy to understand and manage.



Guides and the construction of the operating track allow banknotes to be processed neatly and efficiently.



Adjustable auxiliary hopper plates allows the user to put up to 500 banknotes on the hopper.



Selectable currencies (one touch) (Russian rubles, US dollars and EUROS. The CDF filter adjusts all sensors for the selected currency to verify the banknotes accurately. The device allows you to check other currencies with average parameters by turning off the CDF filter.



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



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

- Optical density – 10 levels
- Size detection – 6 levels
- Ultraviolet detection – 10 levels
- Magnetic detection – 10 levels



With the convenient paper thickness adjustment screw for the feeder slot, the PRO 85 series can be easily adjusted to the banknote's thickness and density.



An external display and a 10-x magnifier with illumination (for further verification of rejected banknotes during counting) are included.



A dust cover, which comes with the kit, prevents dust and foreign objects from getting into the device when not in use.



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



When a suspicious banknote is detected, the display will show the error code and the device will generate a warning sound. The suspicious banknote will be always placed on the top of the stack of banknotes, and is not added to the total result.



The packaging protects the detector during transportation or storage.



Selecting the counting speed of 1500/1200/900 banknotes per minute allows the user to adjust the counter to operate with banknotes of different physical conditions.

#### ► SPECIFICATION OF PRO 85 series

Model of the counter	PRO 85	PRO 85U	PRO 85UM
Counting speed, Banknotes/min		900/1200/1500	
Optical density detection	+	+	+
Size detection	+	+	+
UV Detection	-	+	+
MG Detection	-	-	(EUR, USD, RUR)
Banknote size, mm		40x100–90x180	
Hopper/Stacker capacity, Banknotes		500 / 200	
Batch size, Banknotes		1-999	
Power Supply, V/Hz		220/50	
Net weight, Kg		5,5	
Dimensions, mm		270x250x240	