COUNTRON SERIES

Countron AT / Counton Touch / Countron T-350
Countron Twin / Countron Eye II

Countron AT

Perfect solution for counting digital stocks.

The superb twin-blade counting system enables the Countron AT to count thick board without any damage to the corners of the sheet unlike other brands, which is useful for finished items as Greeting Cards, Post Cards etc. This is a revolutionary machine.

The Countron AT is a world leading new machine having been uniquely designed to count up to 400gsm paper. This is ideal for any printed card producers counting and separating cards etc. on each batch. This makes the machine the perfect one for printers, who until now, have been unable to count their stock, printed or new and separate sets with tabs.

The Countron AT counts at up to 1,500 sheets per minute with tab insertion. Inserting a tab tape in between batches of print can save hours of laborious manual job splitting before an onward print finishing process.

Twin Blade counting system
Countable up to 400gsm paper
Minimum card size : 100x148 mm

Unique counting mechanism prevents damages and corner bents on heavy digital stocks.
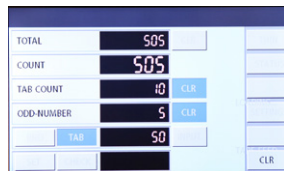
Countron Touch

Most popular Countron with a touch panel.

Countron Touch features high-precision and high speed counting up to 2,500 sheets/min. With a large touch screen, operations and settings are intuitive and quick. It also makes easier to diagnose errors.
Countron Touch is the advance model of Countron 2200HS which has been best-seller in Japanese markets such as security printers, logistics etc. for its accuracy and stability. Now Countron Touch becomes even more compact, quiet and user-friendly.

+ Random tab insertion function for various numbers of sheets for inserting tab tapes
+ Sheet number check function which checks when the actual counted number of sheets matches a preset number of sheets
+ Appointed number counting function which helps set aside a desired number of sheets from a stack of paper

Pin & blade counting system
Wide range of paper quality from 22 to 255gsm
Count speed up to 2,500 sheet/min.
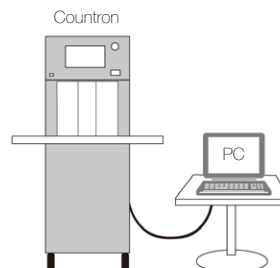
Settings and operations are easy and quick.

Optional log management system / Random tabbing program

For better security, traceability and flexibility.

By using a PC, the operation date, details of the counting job and operator name can be recorded and printed out. Storing counting logs secures that numbers of papers are exactly the same in each sections.

With another optional software (Microsoft Excel add-on) of random tabbing program, a counting job and a random tabbing job are pre-programmable on PC.

Countron

PC

Job	: Personalized photo books							
User	: Uchida							
No.	Num.	Batch	Odd	Tab	Total #	Time	Error	Memo
1	300	50	0	6	300	10:10:00		
2	300	50	0	6	600	10:15:00		
3	250	40	10	6	850	10:30:15		
4	250	40	10	6	1,100	10:35:15	Check OK	
5	250	40	10	6	1,350	10:40:15	Air leakage	
R5	250	40	10	6	1,350	10:45:20	Re-count	

*PC, printer and PC rack are prepared in customer side.

Countron T-350

Space-saving compact Countron.

Countron T-350 is the desktop type paper counter suitable for offices, schools, in-house prints etc. It's simple and compact, but it has same great accuracy and functions of Countron series.

Optional durable machine table which can store piles of paper is available.

Pin & Blade counting system
Counting speed up to 1,500 sheet/min.
Minimum card size: 55x90 mm

Countron Twin

For professional security.

1.Simultaneous counting at two corners
As two corners are counted simultaneously,counting accuracy is extermely high. This also go halves the counting time,when verification by a second count is required.

2.Independent use of heads
The right and left counters can be used separately,enabling two different jobs to be managed simultaneously.

3.Tab tape insertion assurance
Tab tapes can be inserted from both heads,so the inserted position can also be double-checked.

4.Automatic positioning of the counting head
Adjustment to various paper size is easier as the movable side head is coutrolled electronically by the movable side counter is moved

Countron Eye II

Counting & inspection at the same time.

1. Rapid page counting and print quality detection at 1,000 sheets/min.
Detection mark preprinted on the edge of each sheet and illuminated by a strobe enable detection of the overall print quality on each sheet. A high-resolution sensor instantly detects mis-positioned printing,inconsistencies and skipped printings.

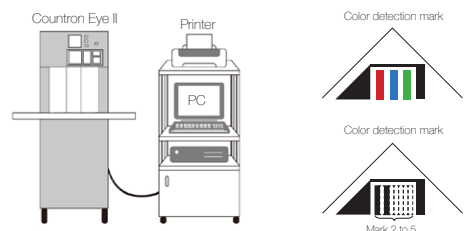2. Collation software (optional) for detecting collation errors
The collating software automatically detects collation errors such as dropped pages, double pages, sequence errors and mixed printing paper.

3. Data storage for 8 colors on one the side of the paper is possible
: a total of 16 colors on the front and back sides of the paper.

4. The memory function permits easy storage of previous lot checking standard, and prompt identification of discrepancies between previous and current lots.

5. The results of each detection and counting operation are printed out as a permanent record and check-list.

Countron Eye II   Printer   Color detection mark

PC

Color detection mark

Mark 2 to 5

Optional tables

Large table   Small table   Air table   Folding table

Table	Sizes
Large table	800x800mm (without leg), 720x1,020mm, 1,000x1,000mm, 800x1,200mm (with leg)
Small table	500x582mm
Air table	1,000x1,000mm, 800x1,200mm
Folding table	787x787mm

Consumables / Spare parts

Suction blades for Countron Touch, T-350, Twin and Eye ll.

Inserting tab tape for Countron series.

Blade / Chip	Descriptions
Suction blade No.1	For Countron Touch & T-350, 22-52 gsm, Copy paper, Pure-white rolls, Fine quality paper, NCR paper
Suction blade No.2	For Countron Touch & T-350, 52-104 gsm, Copy paper, Fine quality paper, NCR paper, OCR paper, Form paper, Tucked paper
Suction blade No.3	For Countron Touch & T-350, 104-157 gsm, Fine quality paper, Art paper, Coated paper, Drafting paper, Post cards, OCR paper
Suction blade No.4	For Countron Touch, 157-255 gsm, Fine quality paper, Art post paper, Coated paper, OCR paper
Suction chip No.1 (White)	For Countron AT, 80-157 gsm, Fine quality paper, OCR paper, Kent paper, Coated paper, Art paper
Suction chip No.2 (Blue)	For Countron AT, 157-310 gsm, Fine quality paper, OCR paper, Kent paper, Coated paper, Art paper
Suction chip No.3 (Green)	For Countron AT, 310-400 gsm, Fine quality paper, Card paper, Coated cards, Paperboard, Cardboard, Coated cardboard

Specifications

Model	Countron Touch	Countron AT	Countron T-350
Type	Standalone, with touch screen	Standalone, for thick boards	Tabletop
Counting mechanism	Pin & blade	Twin-blade with suction chip	Pin & blade
Counting speed	0 to 2,500 sheets/min.	0 to 1,500 sheets/min.	0 to 1,500 sheets/min.
Countable paper quality	22 to 255 gsm	80 to 400 gsm (Thickness up to 0.4mm, depends on paper quality)	22 to 128 gsm
Paper size	100x150mm to 546x788mm / 3.9"x5.9" to 21.5" to 31.0"	100x148mm to 546x788mm / 3.9"x5.8" to 21.5" to 31.0"	55x90mm to 300x420mm / 2.2"x3.5" to 11.8e "x16.5"
Paper stacking height	Up tp 300mm / 11.8"	Up to 220mm / 8.6"	Up to 120mm / 4.7"
Tab tape insertion	Every 2 to 1,000 sheets		
Height of work table	760mm / 29.9"	760mm / 29.9"	290mm / 11.4"
Power source	110, 115, 220 - 240 VAC (Single phase), 50 or 60Hz		
Power consumption	620W	620W	350W
Dimensions	900(W)x1,086(D)x1,350(H)mm/35.4"(W)x 42.8"(D)x53.1"(H)	900(W)x1,086(D)x1,404(H)mm/35.4"(W)x 42.8"(D)x55.3"(H)	440(W)x703(D)x695(H)mm/17.3"(W)x 27.7"(D)x27.4"(H)
Net weight	150kgs/331lbs	194kgs/428lbs	80kgs/176lbs

Model	Countron Twin	
Type	Standalone, with double counting head	
Counting mechanism	Pin & blade	
Counting speed	0 to 2,200 sheets/min.	
Countable paper quality	22 to 210 gsm	
Paper size	Single head use	(Fixed tower) 150x115mm to 1,200x800mm / 5.9"x4.5" to 47.2"x31.5" (Movable tower) 150x200mm to 1,200x800mm / 5.9"x7.9" to 47.2"x31.5"
	Double head use	360x115mm to 1,200x800mm / 14.2"x4.5" to 47.2"x31.5"
Paper stacking height	Up tp 300mm / 13.8"	
Tab tape insertion	Every 2 to 1,000 sheets	
Height of work table	760mm / 29.9"	
Power source	110, 115, 220 - 240 VAC (Single phase), 50 or 60Hz	
Power consumption	1,200W	
Dimensions	2,042(W)x1,217(D)x1,490(H)mm/80.4"(W)x 47.9"(D)x58.7"(H)	
Net weight	500kgs/1,102lbs	

Model	Countron Eye II	
Type	Standalone, with optical sensoring counting head	
Type of software	Print quality check	Page sequence check
Type of detections	Misaligned printing Skipped printing Color inconsistency Paper quantity check	Dropped pages Double pages Page sequence errors Mixed printing paper Paper quantity check
Counting mechanism	Pin & blade	
Counting speed	(Eye mode)0 to 1,000 sheets/min. (Counter mode)0 to 2,200 sheets/min.	
Countable paper quality	22 to 255* gsm (Optional blade required for over 210 gsm)	
Paper size	100x150mm to 546x788mm / 3.9"x5.9" to 21.5" to 31.0"	
Paper stacking height	Up to 300mm / 11.8"	
Tab tape insertion	Every 2 to 1,000 sheets	
Height of work table	760mm / 29.9"	
Precision of error detection	$\pm$ 0.05mm ($\pm$ 0.02")	
Required printing density	PCS 0.1 or over (under white light)	
Power source	110, 115, 220 - 240 VAC (Single phase), 50 or 60Hz	
Power consumption	620W	
Dimensions	900(W)x1,086(D)x1,404(H)mm/35.4"(W)x 42.8"(D)x55.3"(H)	
Net weight	175kgs/386lbs	

Specifications are subject to change without notice.