

## Countron OP



UCHIDA Countron OP is the one of the most accurate and user-friendly optical counting machines in the world.

With a press of button, a high resolution optical sensor moves up and down, reads and analyses waveform of the products on the stacking table, and immediately comes up with the number of products. Because nothing touches the products, finished products, such as valuable cards, fulfilled envelopes; printed boards can be counted without any damage.

The Countron OP is an ideal solution to enhance your security level, by making it easier to double-check the number of products quickly and accurately.



### Intuitive touch screen operation & settings.

What you would have to do to start counting is simple – just put the products on the stacking table and press the start button. In normal counting mode, the count results are automatically totaled and added up each time of counting. Settings and operation modes can be quickly changed via the smart touch screen control panel. It also helps operators even in case of error by indicating details of the error, and what need to be checked.



**Optional devices add more versatility and accuracy.**

The Counton OP has a TD1 sensor as standard. It has 2 sensor slots, and can be delivered with your choice of optional sensors depending on products to be counted. A sensor to be used can be easily selected via the touch screen. There are some optional devices available, that enhances the accuracy of the machine. An optional air compressor frees the machine from being impacted by the weight of stacked products. An optional paper holding clamp prevents the objects to be counted from being scattered.

An optional thermal printer and the optional count log management system which can be installed to a PC connected to the machine, makes your workflow even more securer by keeping count histories.

<b>Machine type</b>	Tabletop optical counter
<b>Counting mechanism</b>	Optical sensor + Air blow
<b>Counting speed</b>	Up to 100mm / sec.
<b>Countable paper quality</b>	0.1-5.0mm (Depending on choice of sensor) Standard TD1 sensor: 0.18-0.35mm
<b>Countable object size</b>	Standard: 42x10mm - 350x229mm With optional table: 42x10mm - 550x400mm
<b>Stacking capacity</b>	Standard: Up to 150mm (115mm with optional clamper) With optional table: Up to 135mm (100mm with optional clamper)
<b>Tab tape insertion</b>	No
<b>Power source</b>	110-120V or 220-240V, 50/60Hz, single phase
<b>Power consumption</b>	300W
<b>Dimensions</b>	300(W)x385(D)x620(H)mm

<b>NET weight</b>	18.3kg		
<b>Options</b>	Air compressor, Thermal printer, Large table Paper clamper, Count log management system		
<b>Sensor</b>	<b>Air</b>	<b>Thickness</b>	<b>Applications (example)</b>
<b>TS1</b>	Recommended	0.10 - 0.20mm	Securities, Ticket, CD/DVD Jacket
<b>TD1 (Standard)</b>	Recommended	0.18 - 0.35mm	Postcard, Business card, Tag, Playing card, Plastic card
<b>TN2</b>	Recommended	0.30 - 0.50mm	Crimped postcard, Plastic card
<b>TN3</b>	Recommended	0.50 - 0.70mm	Thick paper, Cardboard,
<b>TD1WR</b>	None	0.20 - 1.00mm	Package insert, Medical manual (4sheet), Empty envelope
<b>TD1R</b>	None	0.50 - 2.00mm	Package insert, Medical manual (6sheet), Fulfilled envelope, Manual, Booklet
<b>TN1R</b>	None	0.80 - 5.00mm	Package insert, Medical manual (8sheet), Fulfilled envelope, Manual, Booklet, Gasket, PCB