

# UCHIDA OPTICAL COUNTER COUNTRON OP



# Countron OP

## Best way to inspect the number of finished products, quickly and easily.

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.

## All you can count!

### Wide range of products can be counted by choosing variety of sensors.



- Securities
- Coated paper



- Tag
- Voucher



- Playing card
- Trading card



- Carton box
- Cardboard



- Plastic card
- Credit card



- Envelope
- Insert



- PCB



- Gasket

## Best features

### 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.



Control panel

### Optional devices add more versatility and accuracy.

The Countron 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.



Optional clammer

## Specifications

<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 clammer) With optional table: Up to 135mm (100mm with optional clammer)
<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 clammer, Count log management system

Sensor	Air	Thickness	Applications (example)
TS1	Recommended	0.10 - 0.20mm	Securities, Ticket, CD/DVD Jacket
TD1 (Standard)	Recommended	0.18 - 0.35mm	Postcard, Business card, Tag, Playing card, Plastic card
TN2	Recommended	0.30 - 0.50mm	Crimped postcard, Plastic card
TN3	Recommended	0.50 - 0.70mm	Thick paper, Cardboard,
TD1WR	None	0.20 - 1.00mm	Package insert, Medical manual (4sheet), Empty envelope
TD1R	None	0.50 - 2.00mm	Package insert, Medical manual (6sheet), Fulfilled envelope, Manual, Booklet
TN1R	None	0.80 - 5.00mm	Package insert, Medical manual (8sheet), Fulfilled envelope, Manual, Booklet, Gasket, PCB

Production rates are based on optimal operating conditions.  
As part of our continuous product improvement program, specifications are subject to change without notice.

### UCHIDA YOKO GLOBAL LIMITED

4-7 Shinkawa 2-Chome, Chuo-ku Tokyo, Japan  
Tel: +81(3)3555 4781 Fax: +81(3)3555 6423  
Email: sales@uchidayoko.com Website: www.uchida-machinery.com