



D03S+ & D05S+ Thermal Transfer Overprinter

Designed for message coding on flexible packaging, D Series TTO delivers high-quality printing, covering most coding and marking applications in food & beverage, pharmaceutical, cosmetics, agricultural, paper industries etc.

The Plus version is upgraded to smak touch screen that supports editing printing messages directly on it. And the smak touch screen can be used on D03S/D05S for customers who demand efficient file editing.



Enhance Brand

- 300 dpi resolution ensures superior print quality, good contrast prints to avoid complaints and unexpected cost.



Improve Efficiency

- Support real time, date and lot number printing; message can be changed easily; max. 600m ribbon length reduces machine downtime; user-friendly UI and operation; intelligible message design tool.



Reduce Cost

- 32 mm & 53 mm print heads are able to accommodate 22~55 mm width ribbon, suitable for different applications; min. 0.5 mm print gap; multiple ribbon saving mode.



Protect Channels

- Traceable barcodes, serial numbers, GS1 can be designed with DIKAI ProMark software, ensuring users to trace their products, prevent counterfeit and protect distribution channels.



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Technical Parameter

Model	D03S+	D05S+
Printing Modes	Intermittent & Continuous modes combined	
Left Hand / Right Hand	Left hand & right hand changeable	
Printhead	32 mm, 300 dpi	53 mm, 300 dpi
Print Speed*	Max. 700 mm/s	
Print Frequency*	Max. 350 ppm	
Print Area**	I: 32 mm×60 mm C: 32 mm×150 mm	I: 53 mm×75 mm C: 53 mm×150 mm
Ribbon Length	Max. 600 m	
Ribbon Width	25 mm - 33 mm	25 mm - 55 mm
Min. Gap Between Prints	0.5 mm	
Print Features	Real Date/Time, Text, Barcodes, GS1, Logo, Counter (Serial No.), Shift Code, Database Suppok, Loop Printing	
Controller	7-inch smak touch screen, 1280 × 800 pixel; On-site editing and printing function; Multi-management role setting;	
Communications	USB, Ethernet, RS232	
Input/Output	One-way input (PLC mode)/Two-way Output (Printing, Alarm, Error), can be customized	
Power Supply	AC100 - 240 V, 50 - 60 Hz	
Air Supply	Max. 6 bar/90 psi, dQ, uncontaminated	
Operation Environment	Temperature: 0 - 40 °C Humidity: 10% to 90%, non-condensing	
Dimensions	Printer Unit: 190×192×180 mm Controller: 233×184×136 mm	Printer Unit: 210×210×180 mm Controller: 233×184×136 mm
Weight	Printer Unit: 8.5 kg Controller: 2.0 kg	Printer Unit: 9.5 kg Controller: 2.0 kg

* Print information, substrates, and environment dependent.

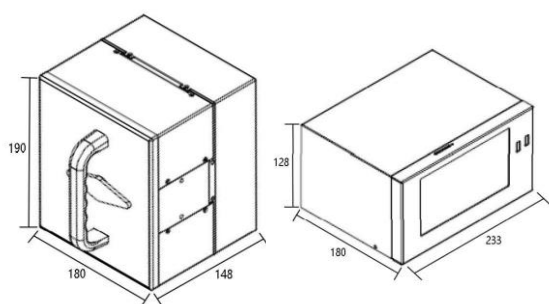
** I - Intermittent mode; C - Continuous mode.

Consumables

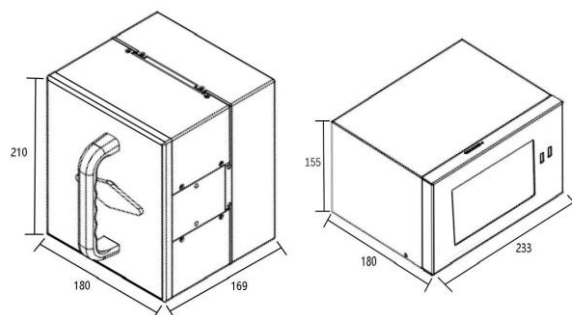
Code	Type	Width	Length	Application
WR	Wax resin	20mm.-150 mm.	50m.-1400m.	All-Purpose Flexible Printing
XR	Extra resin	20mm.-150 mm.	50m.-1000m.	Good Adhesion / Good Abrasion
PR	Pure resin	20mm.-150 mm.	50m.-900m.	High Temperature Application

*Ribbon Color: Black, White, Red, Blue, Green, Brown, Silver, and Gold; Length Optional: 450 m, 500 m, 600 m, etc.

Dimension: (mm)



D03S+ Controller & Touch Screen



D05S+ Controller & Touch Screen