Valentin DuoPrint
2-Colour Label Printers

MARTEK Industries

GHS label printers

The Valentin DuoPrint 107 and 160 thermal transfer label printers have been specifically desinged al allow chemical manufacturing compnies to easily and cost-effectively print labels in compliance with the UN Globally Harmonised System (GHS) regulations.

An integral part of the GHS regulations is the inclusion of 2-colour pictograms. DuoPrint label printers use two thermal transfer printheads to simultaneously print labels in two colours. To minimise ribbon costs, one of the printheads has ribbon saving as standard.

Designing labels is quick and easy using Labelstar Plus or NiceLabel Pro software, both of which include a library of GHS pictograms and label templates. In addition a Windows printer driver can be used to print in two colours from any Windows application.

As well as GHS label printing, DuoPrint printers can be used for other 2-colour printing applications such as pricing and promotion labels. UV-fluorescing ribbons can also be used to add hidden security data to labels including barcodes and 2D codes that can be read with special code readers giving anti-counterfeit protection.

heavy-duty build - durable labels

Changing labels and ribbons is made simple and fast by the clean label path of DuoPrint label printers. Labels feed in a straight path and both ribbon mechanisms are easy to access allowing quick label roll changes and easy access for cleaning.

Thermal transfer printing allows durable, chemical-resistant label materials and ribbons to be used.

DuoPrint systems are part of the Valentin range of industrial label printers manufactured to the highest standards in Germany.

NiceLabel Pro software

Using NiceLabel Pro software makes designing and printing GHS labels quick and easy with a range of label templates and a library of GHS pictograms. Text fields can be shaped to fit around pictograms and the auto-fit function scales text to fit the space available. Unicode support allows several languages to be included in the same label with ease.

Specification

	DuoPrint 107	DuoPrint 160
Resolution:	305dpi	305dpi
Print speed:	Max. 150mm/sec	Max. 120mm/sec
Print width:	Max. 107mm	Max. 160mm
Label weight:	Max. 220g/m² (higher on demand)	Max. 220g/m² (higher on demand)
Min. label width:	15mm	50mm
Max. label width:	116mm	176mm
Min. label length:	25mm	25mm
Max.label length:	1200mm	700mm
Label roll diameter:	Max. 300mm	Max. 300mm
Label sensor:	Transmission (gap) & back registration mark	Transmission (gap) & back registration mark
Ribbon winding:	Outside or inside	Outside or inside
Max. ribbon length:	450m / 90mm diameter	450m / 90mm diameter
Dimensions:	275 x 825 x 410(H)mm incl. label roll	335 x 825 x 410(H)mm incl. label roll
Weight:	24.5Kg	29.8Kg
Interfaces:	Serial, parallel, USB. Ethernet optional	Serial, parallel, USB. Ethernet optional
Power supply:	110 - 240Vac @ 50-60Hz, 600VA	110 - 240Vac @ 50-60Hz, 600VA
Operating temp:	+5 to +35°C	+5 to +35°C
Relative humidity:	Max. 80% non-condensing	Max. 80% non-condensing

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