






# MPH - Direct and Thermal Transfer Printer Family



RUOSS-KISTLER AG  
Tel.: (+41) 055 464 35 15  
Mail: handel@ruoss-kistler.ch  
Internet: [www.ruoss-kistler.ch](http://www.ruoss-kistler.ch)

Liberty2	Charlie	Golf	Delta	Echo
				
244    248    344	244    248    344	244    248    344	244    248    344	264    268

Specifications															
Print type	Direct thermal or thermal transfer														
Print speed	4 ips	8 ips	4 ips	4 ips	8 ips	4 ips	4 ips	8 ips	4 ips	4 ips	8 ips	4 ips	4 ips	8 ips	
Resolution	203 dpi		300 dpi	203 dpi		300 dpi	203 dpi		300 dpi	203 dpi		300 dpi	203 dpi		
Print width	Up to 104 mm													Up to 160 mm	
Print length	254mm	1260mm	115mm	254mm	1260mm	115mm	254mm	1260mm	115mm	254mm	1260mm	115mm	819mm		
	2520mm with Exp		1110mm with Exp	2520mm with Exp		1110mm with Exp	2520mm with Exp		1110mm with Exp	2520mm with Exp		1110mm with Exp	1638mm with Exp.		
Processor	Intel I386EX and Motorola 68HC11														
Memory															
Standard interface	RS232 up to 38.400 baud, DTR/RTS, XON/XOFF														
Control panel	LCD display - 3 operator keys with diagnostic LEDs for setup and Hex-dump														
	2 lines x 8 characters			2 lines x 16 characters											
Characters font	Selection of 9 alphanumeric fonts including OCR-A , OCR-B, smooth Triumvirate font 6 - 48 pts. Sets of internal characters														
Graphic support	PCX , BMP , IMG , FRG files downloadable on RAM or Flash non volatile memory														
Graphic language	Alpha numeric graphic language to print boxes, horizontal and vertical lines of any dimension, reverse mode, expandable fonts up to 24x. Fonts can be printed in 4 directions. Barcode : Code39 , I2/5 , EAN 8/13 , UPC A/E , C128 , C93 , Codabar , HIBC , Postnet , Pleassey														
Label printing	Automatic sensor adjustment for label gap detection. Dynamic data fields, numerical increase/decrease of data, print speed and temperature setting														
Dimensions (mm)	255(h) x 244(w) x 340(d)			260(h) x 270 (w) x 360 (d)			316(h) x 270(w) x 433(d)			365(h) x 270 (w) x 520(d)			365(h) x 330(w) x 520(d)		
Weight	11 Kg			15 Kg			15,3 Kg			18 Kg			20 Kg		
Media handling															
Supply roll	6" on 1,5" or 3" core			6" on 1,5" or 3" core			8" on 3" core 7" on 2" or 1,5" core			8" on 1,5" or 3" core			8" on 1,5" o 3" core		
Label width	19 mm - 120 mm			19 mm - 118 mm											Up to 170 mm
Rewinder	NO			4" max.diameter			5" max diameter			8" max diameter			8" max diameter		
Present sensor	NO			Resident present sensor for automatic label peeling											
Peel-off system	NO			Standard											
Media type	Roll-fed or fanfold labels, tags, pvc, tickets, etc.														
Label thickness	0,0025" to 0,01" (0,0635mm to 0,25mm)														
Consumables	Wax or resin ribbons in different colors with 1" core diameter and 360mts length														
Options															
Cutter	Max thickness : 0,01" (0,25 mm)														
Optional interfaces	Centronics, Twinax, Coax, Lan														
Expander Card	To expand RAM and Flash memory, increase print speed and maximum print length														