



ES 9001
Individual labelling
without weighing
technology

FULLY AUTOMATIC PRINT AND APPLY SYSTEMS **ES 9000**

ESPERA offers a full range of manual and automatic print and apply systems. This means, the systems are equipped with printers for individual label printing, but without scale. The print and apply systems are in the same design and with the same features than the ESPERA series 3000 / 5000 / 7000 / 7800. But, without scale.

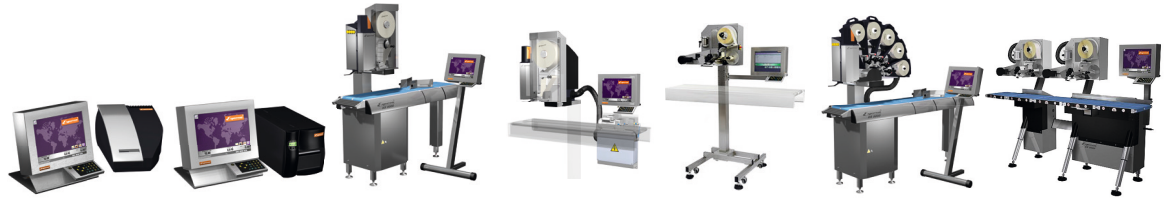
Highlights

- Hygienic stainless-steel design
- Label design software ESMS included
- Network integration (system independent)
- Online remote service
- Modularity



ES 9100
Labeller for integration
into existing transport
system

TECHNICAL DATA



	ES 4000	ES 4200	ES 9000	ES 9100	ES 9300	ES 9800	ES 9900
Throughput	-	-	To 120 pack. / min.	To 120 pack. / min.	To 65 pack. / min.	To 120 pack. / min.	To 65 pack. / min.
Print speed	100 mm / sec.	150 mm / sec.	300 mm / sec.	300 mm / sec.	250 mm / sec.	300 mm / sec.	250 mm / sec.
Print width	80 mm / 104 mm	104 mm	80 mm / 104 mm	80 mm / 104 mm	80 mm / 104 mm	80 mm / 104 mm	80 mm / 104 mm
Package size max. (L x W x H) with centering unit	-	-	640 x 280 x 200 mm	-	-	-	-
Package size max. without centering unit	-	-	640 x 360 x 200 mm	-	-	-	-
Label size max. (L x W) Printer top	-	-	200 x 110 mm	-	-	-	-
Label size max. (L x W) Printer bottom	-	-	130 x 110 mm	-	-	-	-
Label size min. (L x W) Printer top	-	-	37 x 37 mm	-	-	-	-
Label size min. (L x W) Printer bottom	-	-	37 x 52 mm	-	-	-	-
Label size max. with label rotation (L x W)	-	-	110 x 110 mm	-	-	-	-
Package size max. (L x W x H)	-	-	-	any	any	any	300 x 300 x 160 mm
Package size max. with long pack mode (L)	-	-	-	-	-	-	380 x 300 x 160 mm
Label size max. (L x W)	480 x 110 mm	2159 x 118 mm	-	200 x 110 mm	170 x 110 mm	200 x 110 mm	170 x 110 mm
Label size min. (L x W)	15 x 22 mm	13 x 25 mm	-	37 x 37 mm	30 x 37 mm	37 x 37 mm	30 x 37 mm
Thermal head	8 dot / 12 dot	12 dot	8 dot / 12 dot	8 dot / 12 dot	8 dot / 12 dot	8 dot / 12 dot	8 dot / 12 dot
Label roll core diameter	76 mm	38 - 76 mm	76 mm	76 mm	76 mm	76 mm	76 mm
Label roll outer diameter	210 mm	165 - 203 mm	285 mm	285 mm	210 mm	210 mm	210 mm
Label winding	Inside	Inside / outside	Inside	Inside	Inside	Inside	Inside
Interfaces	RS 232, USB, Ethernet	RS 232, USB, Ethernet	RS 232, USB, Ethernet	RS 232, USB, Ethernet	RS 232, USB, Ethernet	RS 232, USB, Ethernet	RS 232, USB, Ethernet
Network capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Storage medium	SSD	SSD	SSD	SSD	SSD	SSD	SSD
Mains voltage	190 V - 240 V / 50 - 60 Hz	100 V - 240 V / 50 - 60 Hz	190 V - 255 V / 50 - 60 Hz	190 V - 255 V / 50 - 60 Hz	180 V - 255 V / 50 - 60 Hz	190 V - 255 V / 50 - 60 Hz	180 V - 255 V / 50 - 60 Hz
Operating temperature	- 10 °C to + 40 °C	+ 5 °C to + 40 °C	- 10 °C to + 40 °C	- 10 °C to + 40 °C	- 10 °C to + 40 °C	- 10 °C to + 40 °C	- 10 °C to + 40 °C
Thermal transfer operation	No	Yes	Yes	Yes	Yes	Yes	Yes
Protection class	IP20	IP20	IPX4	IPX4	IP33	IPX4	IPX4
Total printer connection	Yes	No	Yes	Yes	Yes	Yes	Yes
Multi printer mode	Yes	No	Yes	Yes	Yes	Yes	Yes
Compressed air	-	-	No	No	No	6 BAR	No