



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.

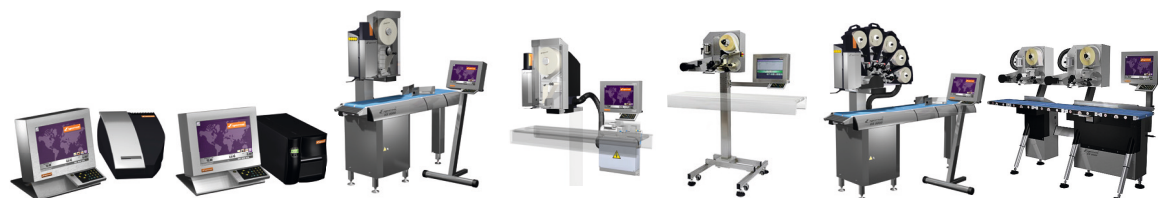
Highlights

- 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. (L x W x H) 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 | PX4 | 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 |