

---

<b>Print method</b>	Thermal line printing
---------------------	-----------------------

<b>Technology</b>	Thermal Line
-------------------	--------------

---

## Fonts & Styles

<b>Print Speed</b>	90 mm/sec
--------------------	-----------

<b>Print Speed (label)</b>	90 mm/sec
----------------------------	-----------

<b>Print Speed receipt</b>	170 mm/sec
----------------------------	------------

<b>Printing Font</b>	ANK
----------------------	-----

<b>Column capacity receipt</b>	Paper width 80 mm, 40 / 80
--------------------------------	----------------------------

<b>Character set</b>	95 Alphanumeric, 37 International, 128 x 11 Graphic
----------------------	---

<b>Dot density</b>	203 DPI x 203 DPI
--------------------	-------------------

<b>Colour Printing</b>	Black
------------------------	-------

<b>Printing Characters</b>	Text (incl. Euro symbol), Graphics
----------------------------	------------------------------------

---

## Paper

<b>Paper Types</b>	Liner-free label, Receipt
--------------------	---------------------------

<b>Paper size roll paper</b>	79.50 ± 0.50 (W) mm x dia 102.00 mm, 40.00 ± 0.50 (W) mm x dia 102.00 mm
------------------------------	---

---

## Interfaces

<b>Interfaces</b>	RS-232, USB 2.0 Type B
-------------------	------------------------

---

## Data Buffer

<b>Data Buffer</b>	4 kB or 45 Bytes
--------------------	------------------

---

## Power

<b>Power Supply</b>	PS-180 & EURO AC cable
<b>Power Consumption</b>	Standby: 0.1 A, Mean: 1.7 A
<b>Operating Voltage</b>	24 V

---

## General

<b>Product dimensions</b>	140 x 148 x 203 mm (Width x Depth x Height)
<b>Product weight</b>	1.9 kg
<b>Colour</b>	Epson Dark Grey / Epson Cool White
<b>Installation</b>	horizontally, vertically, vertically with wall hanging bracket
<b>Interface connectors</b>	D.K.D. function (2 drivers)
<b>Noise Level</b>	Operation: 52 dB (A)
<b>Humidity</b>	Operation 10% - 90%, Storage 10% - 90%
<b>Temperature</b>	Operation 5° C - 45° C, Storage -10° C - 50° C

---

## Reliability

<b>Reliability</b>	35,000,000 MCBF (Lines), 360,000 MTBF (Hours)
<b>Auto Cutter Life</b>	1,000,000 Cuts
<b>Printer Life</b>	10,000,000 lines
<b>Print Head Life</b>	75 km - 75,000,000 pulses

---

## Standards Compliance

**EMC Standards** CE marking

**Safety standards** TÜV

---

## Other Features

**Changeable interface** Yes

**Cutter** Partial Cut

**Sensors** Paper End Sensor, Black Mark Sensor, Cover Open Sensor

---

## What's in the box

**What's in the box** Main unit, PS-180 & AC cable, Panel label for horizontal installation, User manual, Warranty document

---