

MK500

A3 PLOTTER

- Provides complete customized marking for cables, wires, terminal blocks and components.
- Automatically returns the pen to the storage station so the tip of the pen doesn't dry.
- MK500 can print on these Partex products: PA+, PC, PK, POH, TX and PS.

GENERAL INFORMATION

Design

The MK500 system includes a plotter and plates for PARTEX neutral wire, cable, component and terminal markers. PC controlled by USB or LPT1 and the software Variosign makes the identification process very simple. The plotter MK500 writes with etching ink in x and y coordinates

MK500 can print on these Partex products:

Wire markers

PA+02
PA+1
PA+2

Cable markers

PK2
POH

Open wire markers

PC-10
PC-20
PC-30
PC-40

Component markers

PN
PS

Terminal block marking

TX-61
TX-96

Resistance

The products intended for MK500 is tested according to Partex Product Test Programme by the Swedish Test and Research Institute.

FACTS

Printing method:

Plotter pens with etching ink

Drawing speed:

Max 40mm/s (1.57 tum/s)

Software:

Variosign

PC-connection:

Parallel port LPT1 or USB 1.1

Memory buffer:

16 MB.

Power supply:

100-240 V AC, 50 / 60 Hz.

Dimensions: (L x W x H):

660 x 440 x 125 mm. (25.98 x 17.32 x 4.92 tum)

Weight:

Approx. 8 kg (17.64 pounds)

Temperatures:

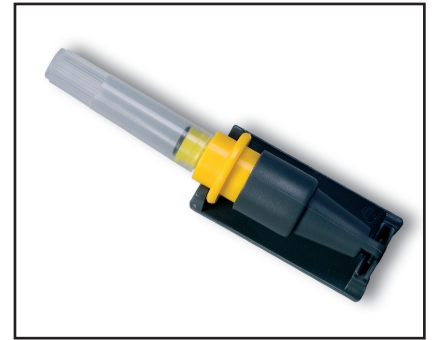
Working temperature:
+10°C to +35°C (50°F to 95°F)

Storage temperature:
-10°C to +50°C (14°F to 122°F)

Recommended profile temperature:
+20°C (68°F)

CLEANING FLUID, INK AND PLOTTER PENS

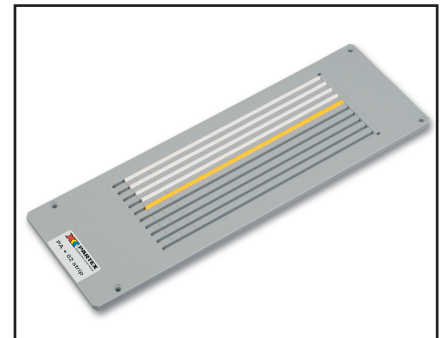
Article number	Information	Body colour on pen
MK1-PEN-018	Plotter pen, tip of pen 0.18mm	Red
MK1-PEN-025	Plotter pen, tip of pen 0.25mm	White
MK1-PEN-035	Plotter pen, tip of pen 0.35mm	Yellow
MK1-PEN-050	Plotter pen, tip of pen 0.50mm	Brown
MK1-PEN-070	Plotter pen, tip of pen 0.70mm	Blue
MK1-PEN-100	Plotter pen, tip of pen 1.00mm	Orange
MK1-PEN-D-025	Plotter pen, tip of pen 0.25mm (no refill)	White
MK1-PEN-D-035	Plotter pen, tip of pen 0.35mm (no refill)	Yellow



Article number	Information
MK1-CF	Cleaning cartridges (2x10ml)
MK1-REFILL	Etching ink cartridges, black (5x1ml)

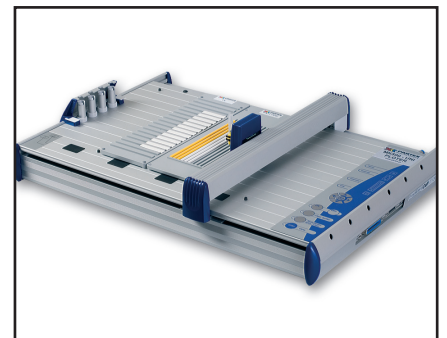
PLATES

Article number	Information
MK500-PA+02ST	Plate for PA+02 / PAZ+02 strips
MK500-PA+1ST	Plate for PA+1 / PAZ+1 strips
MK500-PA+2	Plate for PA+2
MK500-PC10/20	Plate for PC10 and PC20
MK500-PC30/40	Plate for PC30 and PC40
MK500-PC50	Plate for PC50
MK500-PK2	Plate for PK2
MK500-PK2ST	Plate for PK2 strips
MK500-POH	Plate for POH
MK500-PS	Plate for PS
MK500-TX61	Plate for TX61
MK500-TX96	Plate for TX96



PLOTTER AND SOFTWARE

Article number	Information
MK500-UNI-A3	Plotter MK500
MK500-VS	Software variosign for MK500



PROFILES

Wire markers

Product	Diameter mm	Area mm ²	AWG	Length mm	Plates
PA+/PAZ+02 STRIPS	1.3-3.0	~0.2-1.5	~22-16	15 / 21 / 27 / 36 / 42	MK500-PA+02ST
PA+/PAZ+1 STRIPS	2.5-5.0	~0.75-4.0	~16-11	15 / 21 / 27 / 36 / 42	MK500-PA+1ST
PA+/PAZ+2 LOOSE	4.0-10.0	~2.5-16.0	~13-5	15 / 21 / 27 / 36	MK500-PA+2
PC-/PCZ10	2.4-3.0	~1.0	~22-16	15 / 21 / 27 / 36	MK500-PC10/20
PC-/PCZ20	3.0-4.0	~2.5	~16-12	15 / 21 / 27 / 36	MK500-PC10/20
PC-/PCZ30	4.0-5.0	~4.0	~12-11	15 / 21 / 27 / 36	MK500-PC30/40
PC-/PCZ40	5.0-6.2	~6.0	~11-10	15 / 21 / 27 / 36	MK500-PC30/40



Cable markers

Product	Information	Length mm	Plates
PK-2 Strips	Cable marker	21 / 36 / 57 / 84	MK500-PK2ST
PK-2 Loose	Cable marker	15 / 21 / 25 / 27 / 40	MK500-PK2
PK-2Q Loose	Punched cable marker	25 / 40	MK500-PK2
POH-07	Writable holder	60	MK500-POH
POH-12	Writable holder	82	MK500-POH
POH-18	Writable holder	110	MK500-POH



Terminal blocks and component markers

Products	Information	Length mm	Plates
PS	Component marker	17.5 / 35.0 / 52.5	MK500-PS
TX	Terminal block marker	5.0 / 5.2 / 6.0 / 6.2 / 7.3 / 8.0 / 8.2 / 10.0 / 10.2 / 12.0 / 14.0 / 15.0	MK500-TX96
TX61	Terminal block marker	5.1	MK500-TX61

