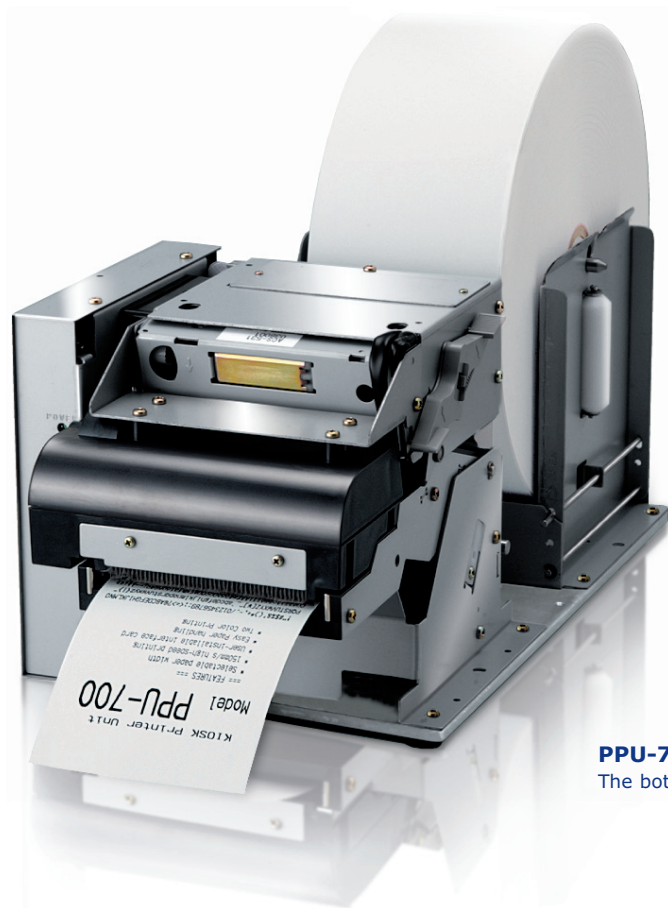


Print, push and pull

The high end printing solution for kiosks



PPU-700/PHU-331

The bottom plate is not included.

Print width up to 82.5mm

The PPU-700 offers 4 different paper width, 58, 67, 80 and 82.5

2 different paper holding units

The 2 different paper holding units allows the unit to be installed in the ideal position in the kiosk.

Retract function

The presenter offers a retract function which makes the printer the right solution to print sensitive data.

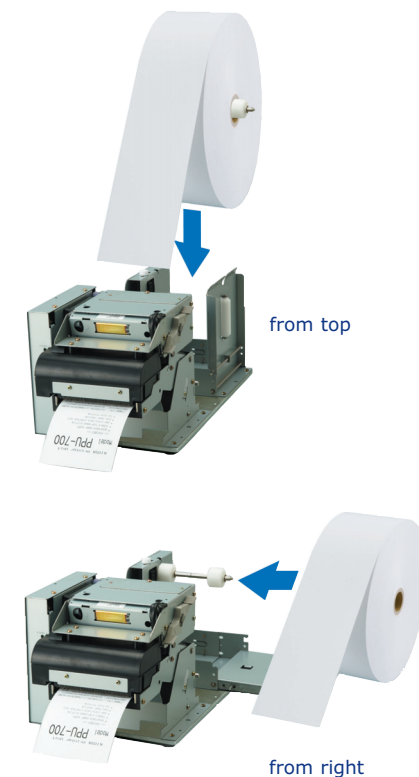
PPU-700/PHU-331

POS

Applications

- Kiosk

Paper insert



Options

Interface cards



Parallel (950035-00)

Serial (950034-00)

USB (950036-01)

Specifications

Printing method	Line thermal dot printing
Printing width	80mm/640 dots (paper width 83mm), 72mm/576 dots (paper width 80mm), 60mm/480 dots (paper width 67mm), 54mm/432 dots (paper width 58mm)
Dot pitch	8 x 8 dots/mm (203 dpi x 203 dpi)
Printing speed	Max. 150mm/sec (35.4 lines/sec)
Number of columns	80mm paper: Font A – 48 columns, Font B – 64 columns, Font C – 72 columns 58mm paper: Font A – 36/30 columns, Font B – 48/40 columns
Character size (WxH)	1.25mm x 3.00mm (Font A: 12 x 24 dots), 0.88mm x 2.13mm (Font B: 9 x 17 dots), 0.88mm x 2.00mm (Font C: 8 x 16 dots)
Character table	Code page 437, 850, 852, 857, 858, 860, 863, 865, 866, Katakana, WPC1252, Thai code 18
Barcode type	UPC-A/E, JAN-13/8, Code 39, Code 128, CODABAR, Code 93
Logo registration/print	Capable of registering user-defined characters print and logos into flash memory
Line spacing	4.23mm (1/6 inch), can be set by command
Paper	
Width	83/80/67/58mm
Diameter	203mm or less
Thickness	0.065 – 0.150mm
Core diameter	12mm (paper thickness: 0.065 ~ 0.080mm), 25.4mm (paper thickness: 0.080 ~ 0.150mm)
Recommended Paper	TF-50KS-E-2D, TF-62KS-E (Nippon Paper industries)
Interface	Parallel (IEEE1284 compliant), Serial (RS-232C), USB
Input buffer	4K bytes (72 bytes selectable with a DIP switch)
NV user memory	256K bytes
Sensors	Paper near end sensor (adjustable, for PHU series) (Photo interrupter), Paper end sensor (mechanical switch), Black mark sensor (Photo interrupter)
Power supply	24V ± 7%
Power consumption	100W
Weight	PPU-700: 2.1kg (incl. control PCB), PHU-331: 0.95kg (excl. roll paper)
Dimensions (W x D x H)	PPU-700: 163.2 (incl. control PCB) x 176 x 143mm, PHU-331: 114.4 ~ 138.9 (incl. control PCB) x 122.6 x 137.2mm
Operating environment	0~50°C, 35~85% RH
Storage environment	-20~60°C, 10~90% RH
Reliability	Thermal head: 100,000,000 pulses or 100km, Auto cutter: 1,000,000 cuts
EMC and safety standards	UL, C-UL, FCC Class A, TUV-GS, CE marking

Type Classification

PPU-700 P U M1
1) 2) 3) 4)

1) **Model type**
PPU-700

2) **Interface**
P: Parallel (IEEE1284)
R: Serial (RS-232C)
U: USB

3) **Character set**
U: USA/Europe

4) **Blackmark sensor (Option)**
None: No sensor
M1: Left side of back
M2: Right side of back (Open lever side)
M3: Left side of front

PHU-3 3 1 S
1) 2) 3) 4)

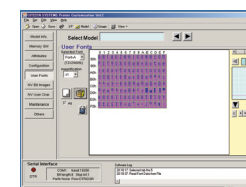
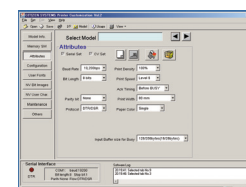
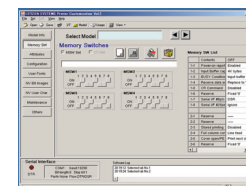
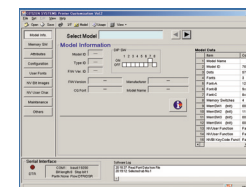
1) **Model type**
PHU-331

2) **Length of roll paper shaft**
3: 58 – 82.5mm (Standard)
2: 56mm fixed

3) **Number of PNE sensor**
1: 1 sensor (Standard)
2: 2 sensors

4) **Roll paper installation**
S: From side (Standard)
T: From top

Customization Software



Features



- 150mm/sec. high-speed printing
- 83 / 80 / 67 / 58mm selectable paper width
- Easy paper handling
- Optional interface cards
- Presenter unit incorporated
- Built-in AC adapter
- Label/Black mark function (option)
- Bitmap data registration (NV memory)
- Barcode printing
- Page mode
- Two color printing
- Smoothing font
- Easy customization by software
- Large roll paper diameter up to 203mm (PHU-331/332)
- Paper thickness up to 0.150mm
- Cutter (full / partial)
- Driver: Windows2000/XP/VISTA/2003 Server