



MK-U2000

Universal inkjet printer

CE

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

ⓘ This model has been discontinued.
Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Specifications

| | |
|-----------------------------------|--|
| Model | MK-U2000 |
| Type | Normal ink type |
| Touch panel console | MK-P4 |
| PC software | MK-HB2 (MK-BUILDER2)*1 |
| Character height | 1 to 12 mm 0.04" to 0.47" |
| Ink model | Standard ink MK-10 |
| Ink color | Black |
| Maximum number of printable lines | 6 |
| Dot configuration (vertical) | 5, 7, 9, 10, 12, 14, 16, 24, 32 dots |
| Font | Original, Mincho, Gothic |
| Character type | Alphabetic characters, numbers, katakana, hiragana, symbols, kanji (JIS levels 1 and 2), Chinese (GB2312), Latin characters, logotypes, custom characters (fonts created by users) |
| Barcodes | CODE39, ITF, NW7 (Codabar), 2of5, CODE128, JAN/UPC, check digit addition function (except for 2of5) |
| 2D code | QR code models 1 and 2, micro QR, DataMatrix (ECC200), GS1 DataMatrix |
| Head distance | 15 mm 0.59" (24 dots or less), 20 mm 0.79" (25 dots or more), 35 mm 1.38" |
| Head direction | All directions |
| Positioning guide | Guide printing, guide beam emission |
| Max. printing speed | 2525 characters/s*2 |
| Print data registration | 500 settings |
| Memory card | USB memory device*3 |
| Functions | Automatic calendar, expiration date, hold printing for desired time, automatic counter, 2- to 36-number system counter, automatic operation, character direction setting (90, 180, 270 degrees), double-width character, logo creation, font creation, character height and width adjustment, sensor pass filter, workpiece-stop alarm, constant number setting at input, barcode comparison setting switch, automatic setting switch at print completion (group printing), terminal block monitor, communication buffer, error level change |
| Maintenance function | Automatic nozzle cleaning, ink draining, internal cleaning, jet operation (nozzle and gutter suction, intermittent spraying), error display, error history, maintenance history, internal path monitor, maintenance guidance, error clearing guidance, auto-shower, sleep mode, path recovery |
| Input (NPN/PNP) | Printing start, encoder (A, B), setting number selection, setting number switching, printing start disabling, printing stop, printing direction switching, counter/group reset, counter increase (startup), counter decrease (shut down), error clearing |

| | | |
|--------------------------|---------------------|---|
| Output (NPN/PNP) | | Error, caution, printing ready, setting switch ready, busy (printing), printing complete, counter complete (image capture trigger), service power supply (24 V) |
| Console display language | | English, Japanese, Chinese, Portuguese, Spanish, Thai |
| Interface | | RS-232C, Ethernet (100Base-TX/10Base-T) |
| Print head cable length | | 4 m 13.1' |
| Console cable length | | |
| Rating | Power voltage | 100 to 240 VAC ±10 %, 50/60 Hz |
| | Power consumption | 190 VA |
| Environmental resistance | Enclosure rating | IP55 ^{*4} |
| | Ambient temperature | 0 to +45 °C 32 to 113 °F |
| | Storage temperature | -10 to +60 °C 14 to 140 °F (No condensation) |
| | Relative humidity | 0 to 90 % RH |
| Housing | | Stainless steel |
| Dimensions | | 465 × 388 × 499 mm 18.31" × 15.28" × 19.65" (W × D × H) |
| Weight | Controller | 30.2 kg |
| | Console | 1.9 kg |

*1 Supported OS: Windows Vista/7/8 (Windows is a registered trademark of Microsoft Corporation.)

*2 5-dot character, 1-line printing with 1-dot character spacing

*3 Usable size: 65 × 25 × 18 mm 2.56" × 0.98" × 0.71" (W × D × H) max.

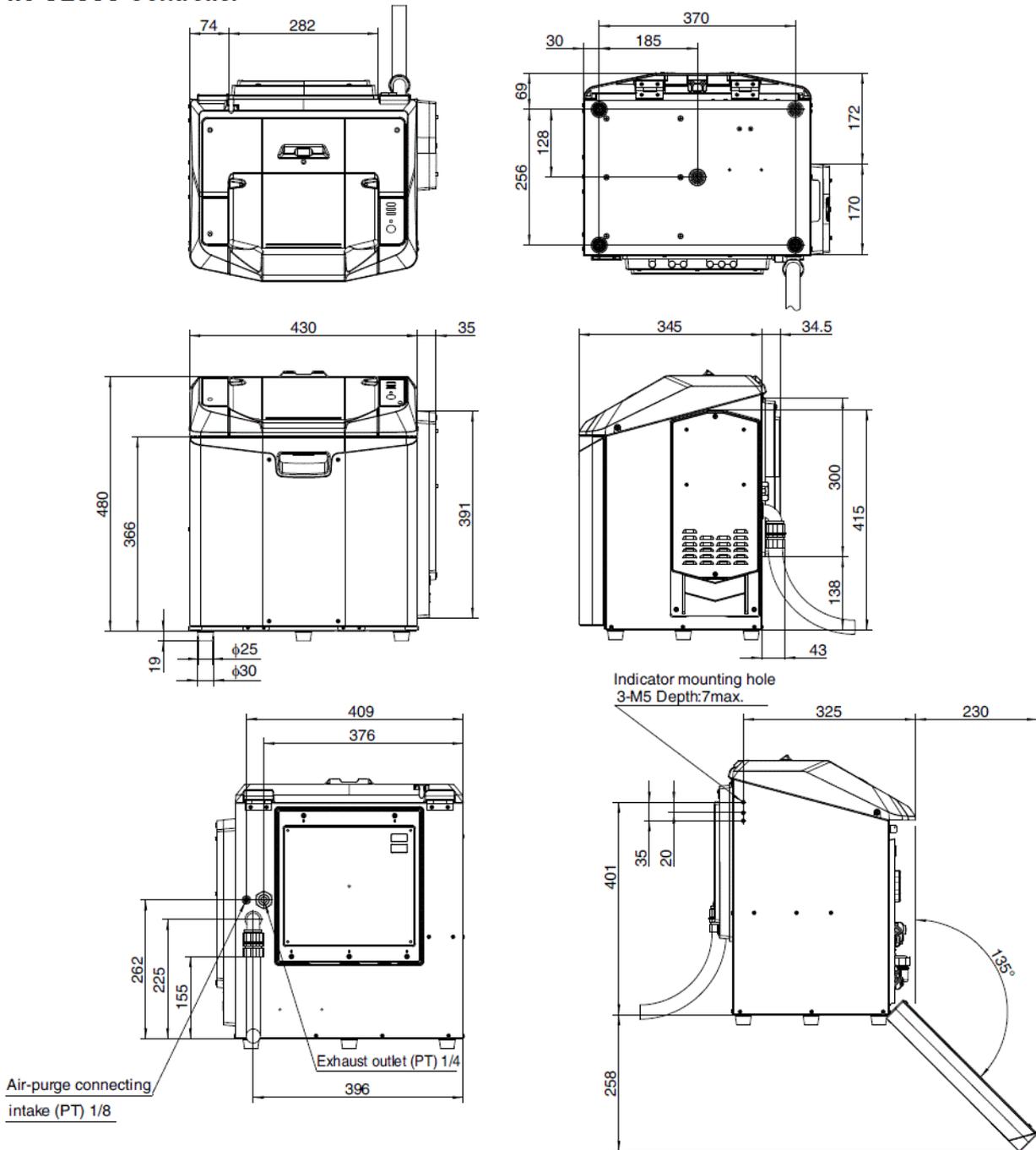
*4 The print head does not support this ingress protection rating. For details on its installation, see the instruction manual.

Dimensions

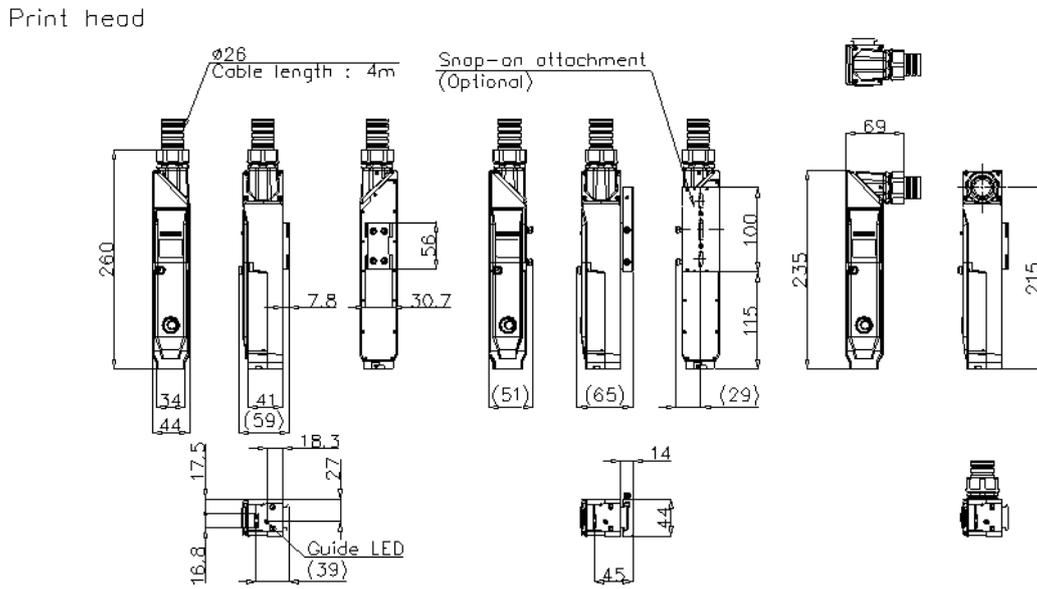
* Download CAD file or product manual for larger image/text and more detail.

mk-u2000_dimension_01.gif

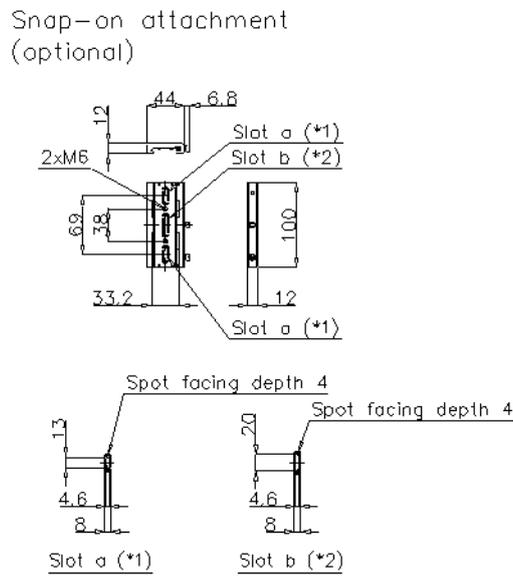
MK-U2000 Controller



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mk-u2000_dimension_03.gif



mk-u2000_dimension_04.gif

Console

