



CONTINUOUS INKJET – UX SERIES

Hitachi's UX series, with its nine different models, offers the latest functions for a demanding market.

The new UX printers with full connectivity master flexible standard applications and also many special projects.



simple



competent



reliable

UX – CONTINUOUS INKJET

Diagraph

Tailored CIJ print properties of the UX series:

- ✓ 1 to 8 print lines
- ✓ 1 to 21 mm character height
- ✓ Calendar, count, variables
- ✓ 1/2D codes
- ✓ High-speed up to 470 m/min
- ✓ Minimal solvent consumption
- ✓ Huge range of inks
- ✓ Stand-alone or networked solution

Use case: Milk production



Performance

Hitachi's UX series is the response of the renowned manufacturer of sophisticated continuous inkjet systems to the current requirements of the digital industry.

Hitachi's continuous inkjets in nine variants offer highest quality and familiar precision for demanding industrial applications.

The UX series offers basic, standard and high-end machines for general applications in product marking. Printer variants such as micro/macro printers, high-speed models, twinjet and pigment printers can handle special tasks.

Connectivity

The topic of connectivity is a key focus of the new Hitachi UX series.

In addition to the availability of the latest drivers for the NiceLabel labeling software, the UX printers offer industry-capable interfaces such as EthernetIP, OPC UA as standard, and network communication via TCP/IP.

Let us advise you on the best UX machine for your specific application.

Inks

Diagraph offers a wide range of inks for all surfaces and applications and also supplies the appropriate solvents. Various colors and pigmented inks are available.

Accessories

To facilitate working with the continuous inkjet, we carry many accessories, such as the stainless steel trolley or the cleaning station for the printhead. The range also includes sensors, encoders and warning lamps.

Product benefits

- ✓ Industry 4.0-ready
- ✓ NiceLabel drivers – full connectivity
- ✓ IP65 housing
- ✓ Easy maintenance
- ✓ Durable printhead
- ✓ Complete Hitachi ink range
- ✓ Low solvent consumption
- ✓ Special variants available
- ✓ (6 m cable / 90° printhead)



Combined competencies: Proven Hitachi technology meets many years of experience in continuous inkjet printing. With our wide range of special accessory components for Hitachi machines and our many years of installation competency, we meet your application requirements with the utmost professionalism.

With our accessory parts, such as sensors and stainless steel trolley, you can determine the optimal positioning for the printer in your line.

With the diverse connection options to all Hitachi machines, we can implement just about any application.



TECHNICAL DATA

CONTINUOUS INKJET: VARIANTS

	 STANDARD	 HIGH END	 HIGH SPEED	 MICRO	 MACRO	 PIGMENT	 TWIN	 HIGH SPEED CABLE	
	UX-D161 (SL0)* UX-D161 (SL1)*	UX-E160	UX-D151	UX-D140	UX-D110	UX-P161	UX-D860	UX-D140	
Max. speed	180 m/min	320 m/min	320 m/min	390 m/min	320 m/min	100 m/min	310 m/min	320 m/min	470 m/min
Solvent consumption	3.5 ml/h	3.5 ml/h	2.8 ml/h	3.5 ml/h	3.5 ml/h	3.5 ml/h	3.5 ml/h	3.5 ml/h	3.5 ml/h
Max. number of lines	6	6	6	4	4	4	6	8	2
Max. number of characters	240	1000	1000	1000	1000	1000	1000	1000	1000
Character height	2 – 10 mm	2 – 10 mm	2 – 10 mm	2 – 7 mm	1 – 3.5 mm	2 – 20 mm	2 – 10 mm	2 – 21 mm	1 – 4 mm
W x D x H (mm)	400 x 320 x 527	400 x 320 x 527	400 x 320 x 527	400 x 320 x 527	400 x 320 x 527	400 x 320 x 527	400 x 320 x 527	400 x 395 x 527	400 x 320 x 527
Weight	27 kg	27 kg	27 kg	27 kg	27 kg	27 kg	27 kg	34 kg	27 kg
Protection class	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP55	IP65

Remarks The standard printhead cable length is 4 m. *Can be ordered with cable length 6 m (UX-D161-6m) or with printhead at 90° angle (UX-D161-L) (delivery period on request). *UX-D161 can be operated without (SL0) and with (SL1) upgrade key – this can be fitted at any time. An upgrade key activates additional functions (see table).