wall printers+



Technical specifications

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wall printer+ pro

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Thanks to the wall printer+ pro, your wall prints will make a spectacular impression.

A starter kit with everything you need to launch your wall printing business.	Comprehensive onboarding package
Free and fast technical support, even after the warranty period expires.	The largest print area on the market
Self-replacement of parts	Wall printer from an industry pioneer
Quiet, smooth, and clean printing operation.	Vivid colors and exceptionally sharp details



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01	Model	wall printer+ pro
02	Printing technology	UV-curable ink printing
03	Number of print heads	1
04	Ink type	UV-curable solvent ink, 395 nm wavelength
05	Printhead manufacturer	Epson
06	Maximum operating temperature	40°C
07	Recommended operating temperature	19–35°C
08	Printhead temperature control	Intelligent heating system
09	Surface tension	27 ± 5 mN/m
10	Image width	Unlimited
11	Image height	max 375 cm
12	Printhead-to-wall distance adjustment	up to +/- 5 cm
13	Distance-to-wall control system	Two ultrasonic sensors automatically detect the wall shape

• 14	Ink curing system	Two UV LED curing lamps with an air-cooling system
• 15	UV curing output power	Up to 4 W/cm^2 per lamp, adjustable
• 16	Curing control	Adjustable, automatic on/off switching
• 17	Control panel	wall printer$^+$ panel
• 18	Control panel language	Polish, English, Spanish, German, Italian, French, Russian, Dutch, Hindi, Portuguese, Chinese
• 19	RIP software	Flexi Print, MainTop
• 20	RIP software language	English
• 21	Power consumption	max. 350 W, Standby 150 W
• 22	Power supply requirements	AC100-240 V, 50-60 Hz
• 23	Operator control	Built-in computer with a 13.3-inch touchscreen, 8 GB RAM, 256 GB SSD, USB 3.0
• 24	Printing direction	Bidirectional, unidirectional
• 25	Horizontal drive system (X-axis)	Operation on wheels or rails
• 26	Vertical drive system (Y-axis)	Belt-driven transmission system
• 27	Printhead drive system (Z-axis)	Rack-and-pinion drive system
• 28	Ink tank capacity	5 x 260ml

• 29	Noise level in decibels	Approx. 60 dB
• 30	Relative humidity (RH) – operating conditions (non-condensing)	Optimal: 40–60% Permissible: 30–70%
• 31	Weight	Modular design, 80–160 kg, heaviest component approx. 30 kg
• 32	Ink color	Cyan, Magenta, Yellow, Black, White (CMYKW)
• 33	Printing speed	Up to 2.5 m^2/h
• 34	Multi-pass printing	6, 8, 12, 16 PASS
• 35	Origin	China
• 36	Certification	CE/RoHS
• 37	Warranty	2 years

Printhead model	F1080	I3200 U1 HD
1. Ink application technology	Micro-Piezo, VSDT	PrecisionCore (TFP), VSDT
2. Number of nozzles	1080	3200
3. NPI	180	400
4. Droplet size	from 3.8pl	from 2.5pl
5. Ink viscosity	3-5 mPa·s	3-5 mPa·s
6. Maximum print resolution	up to 1440 DPI	up to 2880 DPI
7. Print channel configuration	6 channels: CMYK + WW	8 channels: CMYK + WW + VV / CCMYYK + WW
8. Printing with varnish	No	Yes
9. Printing speeds	up to 1m^2/h	up to 2,5m^2/h
10. Ink throw distance	5-10 mm	5-10 mm

Do you have any additional questions or are you interested in cooperation?



Contact us

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