



SprintRay

Technical Specifications

SprintRay NanoPrint is a precision dental 3D printer built to deliver professional-grade accuracy from a remarkably compact footprint. With 35-micron resolution, automatic tank and platform detection, and SprintRay Cloud connectivity, NanoPrint makes in-office printing effortless for every practice.

Resin Curing Unit	385 nm UV-A LED with dedicated cooling; factory calibrated for light uniformity and intensity
Minimum Feature Size (XY)	35 μm (0.035 mm)
Layer Thickness Options	50, 100, 170 μm (material dependant)
Optical Panel	35 μm Optical Panel, slide-in quick-release (see NanoPrint Optical Panel data sheet)
Standard Kit	Resin Tank: 150 mL capacity, protective cover, RFID tracking (see NanoPrint Resin Tank data sheet) Build Platform: 105 x 75 x 75 (X/Y/Z) mm build area, onboard automatic heater, anodized aluminum build surface
Print Speed	Up to 2.9 in. per hour, material dependent
User Controls	All glass digital dashboard with 7" touchscreen Android-based Print OS onboard software 8-core onboard computer
Connectivity	Dual-band 2.4 / 5 GHz Wi-Fi and Bluetooth chipset Local network via Wi-Fi b/g/n/ac/ax or Ethernet cable Direct print via front-facing USB-C port
Power Requirements	100–240 V, 50–60 Hz, 300 W
Operating Temperature Range	70 – 85 °F (21 – 29 °C)
Unit Dimensions (W x D x H)	UV lid closed: 9.8 x 14.8 x 16.1 in. (25 x 37 x 41 cm) UV lid open: 9.8 x 18.9 x 20 in. (25 x 48 x 51 cm)
Shipping Dimensions & Weight	19.7 x 15.7 x 22.8 in. (50 x 40 x 58 cm) 40.8 lb (18.5 kg)