

POLYMER SOLUTIONS

INTEGRA P 450

- 8 independently controlled heating zones for more consistent part production and efficient use of build volume
- Thermal imaging camera for improved quality control and data-capturing
- Designed to enable maximum material flexibility, up to 300° C
- Future-proof modular design, with exchangeable optics tray, frame system, and more
- 120 Watt CO₂ laser producing the fastest scanning times in the industry
- Innovative dual-roller recoating system applies material with a speed of up to 0.4 meters per second
- Open software interfaces and user-friendly tools support application and material development
- Intuitive user operation: EOSPRINT 2 enables software integration from CAD model to print



EXPOSURE MODULE

LASERS

1 x
120 W



INTEGRA P 450

TECHNICAL DATA

BUILD VOLUME	420 x 420 x 500* mm (16.5 x 16.5 x 19.7 in)
LASER TYPE	CO ₂ ; 1 x 120 W
SCAN SPEED	up to 12.7 m/s (41.7 ft/s)
POWER SUPPLY	1 x 40 A
POWER CONSUMPTION	max. 12.5 kW / typical 8.3 kW

* Height includes build plate

DIMENSIONS & WEIGHT

INTEGRA P 450

Height: 2.460 mm / Weight approx. 1.815 kg

INTEGRA P 450

HT-23



HEADQUARTERS

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