



P20 PlateRunner

Metal Plate Processor

PROCESSOR SPECIFICATIONS

Nominal Spec. Plate Width:	20" (508 mm)
Maximum Plate Width:	24" (610 mm)
Minimum Plate Width:	10" (254 mm)
Maximum Plate Length:	29" (737 mm)
Minimum Plate Length:	13.3" (338 mm)
Plate Thickness:	.006/.012" (.15/.30 mm)
Length of Processor:	56.3" (143 cm) without racks 96" (244 cm) with racks
Width of Processor:	35.6" (91 cm)
Height of Processor:	35" (89 cm)
Processor Weight:	Approx. 320 lbs. (145 Kg)
Shipping Weight:	Approx. 500 lbs. (227 Kg)
Electrical Requirements:	220 V, single phase, 50/60 Hz, 20 amps, NEMA 6-20 plug (or equivalent)
Plumbing Connection:	0.75" (20 mm) hoses
Fluids:	Uses plate manufacturer's recommended plate developer, regeneration fluids and gum
Developer Capacity:	4 US gals (15 liters)
Filtration:	Uses 10 inch, 100/50/25 micron filtration

- The P20 processor is designed to process a range of B3+ sized violet sensitive photopolymer plate products, using standard chemistry from vendors such as Fuji, KPG, Lastra, and Agfa.
- The processor can be connected to plumbing or optionally run in a stand-alone mode.
- The P20 can be configured to process thermal or conventional plates.
- The processor can be configured to interface through a darkroom wall or to operate in yellow light.
- The operator interface is an LCD display and touch panel.
- The P20 is microprocessor controlled and provides for setting and monitoring of: throughput speed, pre-bake temperature by zones, brush speed, developer temperature, drying temperature, developer fluid level, replenishment rates for developer and gum, plate count, fluid and energy savings, and automated time sequenced programs for different plate types.

OPERATION

Pre-Bake:	A proprietary radiant panel thermally exposes the plate through precisely controlled heating required for most photopolymer plates. This stage can be disabled for plates not requiring this step.
Pre Wash:	This section wets and washes the plates with water and a variable speed brush prior to development. The brush can be removed for plates not requiring it.
Development:	A variable speed brush, closely controlled temperature, filtration, circulation, and automatic replenishment provide for consistent development using the plate manufacturer's recommended development chemistry.
Wash:	In this section, the plate is rinsed with a water spray bar.
Gum & Dry:	Here the plate is finished and ready for press.
Processing Speed:	20" per minute (51 cm per minute).

AVAILABLE OPTIONS

Starter Kit:	Special tools, spare parts, and consumables
Darkroom Kit:	Provides a light safe through wall interface
Water Re-circulation Kit:	Re-circulates pre wash and rinse water
Developer Cooling:	Developer chiller (stand alone refrigeration unit) or Developer cooler (fresh water heat exchanger)
Optional:	Cosmetic Kit (processor base panels)

WARRANTY: 90 days parts warranty with parts and support available in the US. Extended warranties available. Contact your local dealer for pricing.



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