The advanced optical and clamping system of Javelin images thermal plates with superior quality, productivity and versatility. The precision external drum recording technologies used on Javelin have resulted in a device that images faster than competitive recorders. Javelin is able to output up to 12 plates per hour at 2400 dpi. To provide the flexibility to accept a wide variety of jobs, Javelin outputs at six different resolutions from 1200 to 4000 dpi. It automatically adjusts to many different plate sizes and punch them with your choice of an optional plate punch system.

Javelin’s speed is the secret to Javelin’s performance. The advanced, automated, light-weight clamping and vacuum system is the secret of Javelin’s superior speed and productivity. This system keeps plates fully secure even at Javelin’s rapid rotation speeds. As the drum spins at up to 1,000 rpm, the laser images in 32 channels creating the ultimate in thermal productivity. Javelin’s plate securing system allows much faster spin speeds. Automatic variable positioning of leading edge clamps means that a wide range of plate sizes can be accommodated automatically.
Though CTP started with light-sensitive plates, thermal plates are clearly the up and coming media of choice. They offer crisper, sharper dots, don’t require darkroom processing, and support longer run lengths. Javelin is not limited to delivering the fastest thermal plate output speeds available. It can do it at a full range of standard resolutions and for a wide range of plate sizes. Javelin is the perfect recorder to reap all the benefits of thermal imaging.

Fujifilm Brillia Thermal Plates
As you make the transition to CTP, you can count on Fujifilm to provide digital plates that deliver the same on-press performance as our industry-leading conventional plates. All of our digital plates utilize the same aluminum base as the conventional PS-Plate product line and incorporate Fujifilm’s patented MultiGrain technology. Brillia Plates give you the quality, consistency and reliability you expect from Fujifilm.

BRILLIA LH-Pi Thermal Plate
- Medium-run-length plates (less than 300,000 impressions)
- IR laser sensitive
- Does not require pre- or post-baking
- Competitive with UV inks
  - 1. Infra-red sensitive layer
  - 2. Anodized aluminum support (MG MultiGrain)

BRILLIA LH-Ni Thermal Plate
- Long-run plate (1,000,000 impressions or more)
- IR laser sensitive
- Requires pre- and post-baking
  - 1. Infra-red sensitive layer
  - 2. Anodized aluminum support (MG MultiGrain)

POSITIVE EXPOSURE (LD 830 nm)
DEVELOPMENT (Aqueous alkaline developer)

PRINTING

NEGATIVE EXPOSURE (LD 830 nm)
DEVELOPMENT (Aqueous alkaline developer)

PRE-HEAT/COOLING

PRINTING

Javelin is supported by the Fujifilm CelebraNT RIP and Rampage RIP.

Javelin can produce 12 plates/hr at 2400 dpi.

PRESS-READY PLATE
- Javelin semi-automatically or fully-automatically loads, exposes and unloads thermal plates that are ready for press.

THE JAVELIN THERMAL PLATE WORKFLOW

1. RIPPED JOB TRANSFERS across fast PIF interface.
2. THERMAL PLATE IMAGES
   - Javelin can produce 12 plates/hr at 2400 dpi.
3. PRESS-READY PLATE
   - Javelin semi-automatically or fully-automatically loads, exposes and unloads thermal plates that are ready for press.

AUTOMATIC INTERNAL PUNCH
- Javelin can even punch your plates for you just before imaging, with your choice of optional internal punch block systems that provide exceptional repeatability. You can mount eight punch blocks and select punches based on plate sizes and press type. A variety of suitable punches are available. The Javelin can change between two punch configurations automatically as required by the automatic media settings.

AUTOMATIC LOADING AND UNLOADING OPTIONS
- The Javelin can be configured for fully automatic continuous operation with the optional T-9000 AL single-cassette auto-loader and the T-9000 Conveyor, and plates can still be loaded manually. The single-cassette auto-loader can handle up to 50 plates and internal sheets. The single-cassette auto-loader can be upgraded to a multi-cassette auto-loader, which can handle up to five plate cassettes.

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