

■ **Kyoto America** has launched a new o-card sleeving machine: the KYOC100, which completes the insertion of DVD cases into a variety of o-cards at 100 parts per minute. Designed to be small and flexible and to give replicators a variety of production options, the machine uses a new insertion mechanism (patent pending) that Kyoto claims overcomes the tight fit of the case inside the o-card.

Contact: Kyoto America
Web: www.kyotoamerica.com

■ **Otari's** latest development in DVD packaging machinery is the CM-20. This compact semi-automatic title sheet-inserting machine (for DVD tall and slim cases) targets the small and medium DVD replication industry. Because of this, says Otari, the system is designed for packaging flexibility and frequent job changes. The CM-20 uses Otari's proprietary 'insert technology' to position title sheets "accurately and identically". Finished cases are ejected automatically. The machine has a productivity of approximately 900 cases per hour, and a production counter monitors jobs.

Contact: Otari USA
Web: www.otari.com

Record Products of America

The P-138 is a new electroforming system from Record Products of America (RPA). This self-contained, standalone system integrates the plating cell, sump, and controls in one compact unit. Using several techniques from the semiconductor industry, the P-138 is appropriate for growing high-end optical media stampers for formats such as HD DVD, Blu-ray and recordable media, RPA says.

The P-138 positions the stamper vertically in the bath. According to RPA, this orientation permits the generated hydrogen gas to release naturally from the cathode (stamper) without the need for excessive electrolyte flow or scrubbing. The company adds that this also guarantees essentially zero pit holes during plating since hydrogen bubbles cannot be caught on the plating surface.

The system includes a fully adjustable cascaded anode and fully adjustable baffle system. Three anode baskets may be independently positioned for optimum stamper growth and stamper flatness. Also, the cation membrane diaphragm is completely adjustable via a baffle con-



RPA's new P-138 electroforming system

trol. This combination of cascaded anode and fully adjustable baffles results in a 1-micron total thickness variation (TTV). Less than 1-micron TTV is achievable in a custom process.

Anode electrolyte backwashing is adjustable so that all the solution receives some live flow. This keeps the electrolyte balanced and without irregular concentrations or stagnations, says RPA.

Contact: Record Products of America
Web: www.recordproducts.com

Vinpower Digital

Vinpower Digital has launched the second generation of its Sharkcopier DVD/CD duplicator. This tower system uses a proprietary standalone VPD7T controller with enhanced features and options.

Benefits include the ability to implement drive firmware upgrades through the duplicator for specific drive manufacturers, true 16x burn speed, account management (password protection) and an auto-copy mode. Other features include an auto-counter, multiple language LCD display and 128MB of buffer memory. Sharkcopier II is available with two to seven record drives.

Another new product is the Titan Pro standalone robotic autoloading CD/DVD duplicator. This affordable system uses Vinpower's VPDAL controller and comes with four to eight recorders and a capacity of between 500 and 1,000 discs that can run continuously with minimum operator interaction.

Vinpower has also announced that it will be releasing Titan Lite in the near future. This, it says, will offer all the benefits of Titan Pro in a compact three-drive, 100-disc capacity frame. Approximately a third the size of the Pro series, Titan Lite has been designed for easy placement in any office space, and according to Vinpower will have a price competitive with a manual tower.

Contact: Vinpower Digital
Web: www.vinpowerdigital.com

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