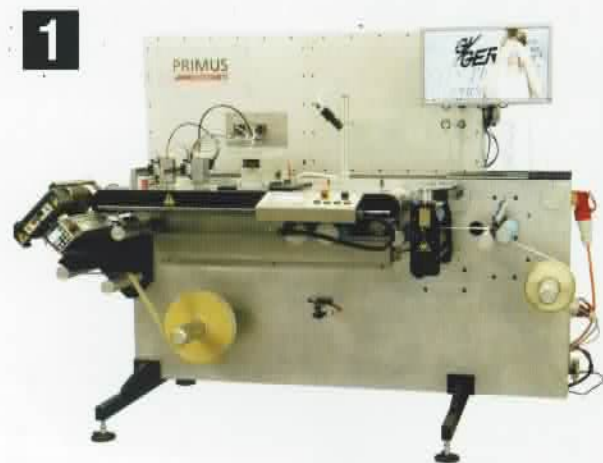


# NEW PRODUCTS



## 1 FRITZ GYGER PRIMUS BRAILLE PRINTER

Fritz Gyger has developed an offline drop-on-demand UV inkjet Braille printer for both labels and cartons, fully meeting the requirements of the EN15823 pharmaceutical packaging standard.

The Primus Braille printer can print either lengthwise or crosswise. Optional is a modular print unit for tactile danger warning symbols.

A Braille print quality control system is integrated based on a high resolution 100 percent digital camera with a high power linear LED light source. The Braille print area is scanned at high speeds and composite images are automatically analysed to detect the printed dot pattern and compare its contents to the reference text, identifying non-compliant defects. The reference text is automatically loaded during printer setup. The Braille letters can be reliably detected regardless of background print colors and patterns, says Geiger.

The Primus comes in two variants – webfed for labels and sheetfed for cartons. The carton version incorporates a suction sheet feeder and allows for rapid changeovers between different material formats and thickness. The Primus will be on show at Labelexpo Europe in September.

## NANOVIS NANOCLEANER PARTS WASHER

After the successful launch of its Nancleaner at Labelexpo 2011, Swiss company Nanovis has developed a larger version, the Nancleaner NWC-1200. The washing chamber has a volume of 120 cm x 60 cm, large enough to accommodate a number of ink reservoirs, doctor blades, or chambered doctor blades – allowing cleaning of inking systems from several color stations simultaneously.

The NWC-1200 washes parts with UV, waterbase and solvent inks without using solvents. Its non-volatile cleaning agent is constantly filtered in the integrated recycling system and never needs to be replaced or disposed of. Only small amounts of dried ink residues remain to be discarded in the industrial waste, says Nanovis.

Options include manual brush cleaning or custom adapters for cleaning cylinders. The NWC 1200 needs only electricity and compressed air to operate.



## 2 RE CONTROLLI INDUSTRIALI CPF SENSOR ROLLER

An integrated amplifier and clear 3-digit display on the new CPF sensor roller developed by Re Controlli, allows web tension to be read directly on the front of a roller. A four button keypad makes calibration easy to set.

CPF employs a high precision load cell where the roller's weight and contact position with the material do not affect web tension readings.

The system is particularly suitable for narrow web presses, since the roller can be fixed quickly and easily on one side of the machine, with the connector installed inside or outside the machine housing.

The CPF sensor roller can withstand overloads up to 10 times the maximum load and is stable in the event of changes in temperature, pressure and humidity, says Re Controlli.

## UPM RAFLATAC FREEZER GRADE HOTMELTS

UPM Raflatac has launched a range of products featuring RH15, a new freezer-grade hotmelt adhesive. RH15 is designed to adhere to frosty, wet or moist packaging. And, it can also be used for standard, unfrozen applications.

Many adhesives will not stick to a product if it has been frozen during the packaging process. But UPM Raflatac says its RH15 products exhibit high initial tack and lasting adhesion, allowing adhesion to items with high condensation, moisture or frost – including corrugated cardboard. Applications include food packaging and greenhouse/plant nursery environments, as well as retail information; and logistics and transport labeling. The labels can even be used for indirect poultry labeling; RH15 will stick to frozen and thawed poultry packaging, and it is compositionally compliant with FDA regulation 21 CFR 175.105 - Adhesives.

In addition to the standard product range, RH15 adhesive is offered through UPM Raflatac's Menu Service, making it available with a multitude of facestocks and liners.