

pharma - coding, marking & labelling

# All sorts of extras

Pago has developed the Pagopharma labelling machine standard and introduced three models in the range: P525 is for all round labelling of cylindrical bottles with a version for vials; P514B provides vignette labels for folding boxes; P580 is a high performance system for combined folded box and vignette or Braille labelling and twin-seal security labels.

Features include auto label sort-out and pre-removal of defective labels. The modular concept facilitates integration into existing production lines and additional 'bolt on' functions mean customised solutions can be achieved via later modifications, says the company. For example hot embossing, thermal transfer printing and special monitoring devices can be added.

A stainless steel version with a breakage-proof Macrolon protective housing is

available and software meets GAMP 4 standards. With the OPC module Pagomat Pharma can integrate easily into wider control concepts, says Pago, including compliance with 21 CFR Part II.

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Pago's P580

## It's the animal in them!

Sunala (UK agent Travtec) has launched a new version of its Pharmacarton coding station for in-line, high resolution printing of lot, expiry and bar codes for pharmaceutical and medical cartons. The station now incorporates the latest Wolke M600 thermal transfer ink jet printer.

Pharmacarton III is designed around animal health regulations for mass serialisation using Datamatrix codes to meet ECC 200 and proposed similar changes to EU pharma traceability requirements.

The station resolves the issue of printing high density codes and 2D codes in-line, according to Sunala, by controlling the carton during the printing and vision process. Once printed the codes are verified by an OCV character verification system.

The equipment is able to print in real-time which accords with Track & Trace requirements for animal health products. An Ethernet portal allows remote data input.

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## Designed with Asia in mind

A new, low cost, tray to tray labelling system is designed specifically for unstable containers such as ampoules, vials, syringes and cartridges, say the makers, Newman Labelling.

The 4VAL can apply both clear and paper, self-adhesive labels to a range of cylindrical containers at speeds in excess of 200 containers/minute. The machine is constructed in stainless steel to cGMP quality standards, but features have been kept to a

minimum to appeal to export markets in Eastern Europe and Asia.

Standard features include interlocking guarding, stepper motor drive for label web, straight label arm adjustable in all axes and hand wheel adjustment. Optional extras include missing overprint and label detectors, bar code reading systems and hot foil, thermal, laser and ink jet printing.

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