

Achema 2012

Innovative marking and coding equipment



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360° camera inspection system in combination with MiraLux light box by Laetus

Although the pharmaceutical and chemical industry are acknowledged as the main target groups of Achema (18th to 22nd of June, Frankfurt/Main, Germany) – visitors from the dairy industry could

discover a lot of novelties, too. For example in the field of marking, coding and labelling equipment including peripheral inspection and control devices, where interesting innovations have been shown.

The Würzburg based Allen Coding GmbH – formerly known as AC Codiergeräte GmbH – is also distributing Hitachi products. As from the last quarter of 2012, the company's ink jet printer RX-S will be available with a prolonged cable from four to six meters offering a wider range of applications. The printer is equipped with a 10.4" LCD touchscreen and fulfils IP 55 demands. Within one or two lines, character heights between 0.08 and 0.39 inches and fonts from 4 x 5 up to 24 x 32 can be realized. The maximum print rate is 1,256 characters per second with an option up to 2,513.

Bluhm Systeme GmbH, Rheinbreitbach, presented their new ink jet printer Markoprint X4Jet, now running with HP- as well as Lexmark cartridges. The latter offering advantages such as a double row of nozzles. In combination of both technologies the high resolution 600 dpi printer guarantees best coding results; even at a print speed of 720 m/min.

Achema debutant, CAB Produkttechnik GmbH & Co. KG, Karlsruhe, came along with their label printer EOS 4, which has been available since April this year. Like sister model EOS 1 it works with thermal transfer/thermal direct technology and is fitted with a touchscreen as standard. This makes it easy to call up existing labels, add data and print them off – all without being connected to a PC. Complete labels can be saved to an USB memory stick or the internal memory of the printer. Both models are offered with a print resolution of 203 and 300 dpi and work with print speeds of up to 215 mm/s. The maximum



ID Module 360 by PAGO

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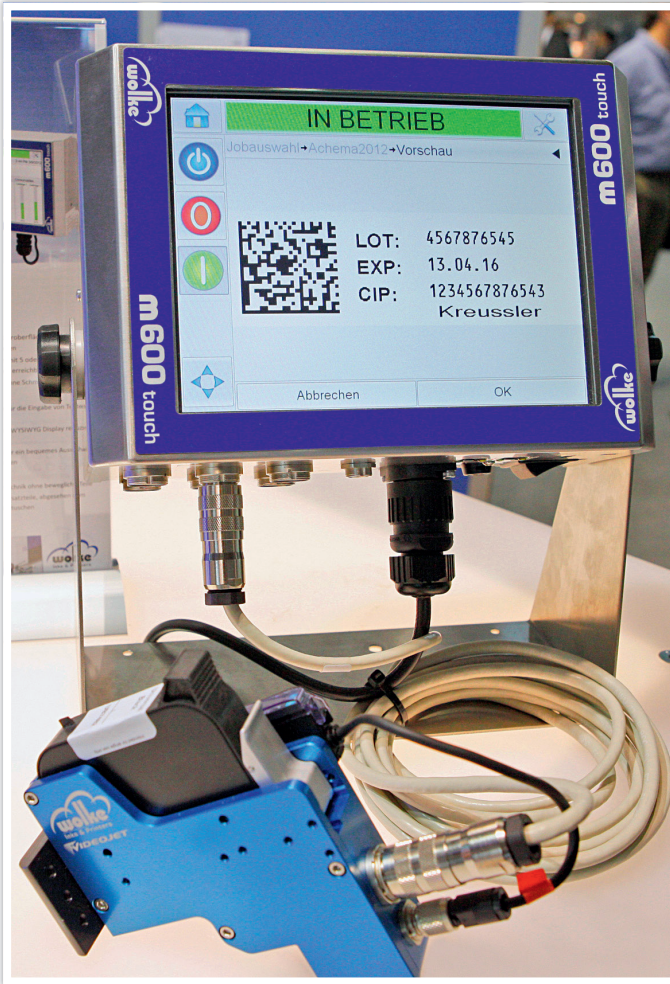
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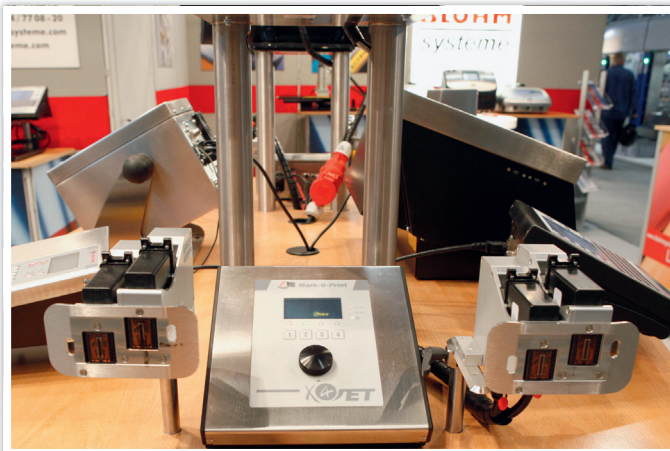
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Ink jet printer m600 touch by Wolke

print width is 108 mm. The larger EOS 4 can accommodate label rolls up to 8" in diameter.

A 360° inspection of objects in combination with the MiraLux light box is the latest add-on to the inspection camera series Inspect wt of Laetus GmbH, Alsbach-Hähnlein. The individual image data provided by four cameras is joined into a single, homogeneous picture and evaluated as such. The distance between cameras and objects can be easily adjusted, allowing for a large range of different sized products to be inspected without performing any system modification. An-



Ink jet printer Markoprint X4Jet by Bluhm Systeme



Thermal transfer/thermal direct label printer EOS 4 by CAB

other highlight is the integrated LED that enables automatic correction of poor lighting conditions.

Multivac Marking & Inspection GmbH & Co.KG, Enger, showed its MR335 SQ conveyor belt labeller with integrated vision system, consisting of a high resolution line scanning camera and a MVS vision PC. Both labeller and inspection system are operated centrally via the single user interface HMI 2.0 with IPC 06 and a 12" touchscreen display. The machine is suitable for both top and bottom labelling of products, such as thermoformed packs and folding cartons in speeds of up to 65 m/min, depending on substrate and label. Maximum label strip width is 300 mm.

Pago Etikettiersysteme GmbH, Aichtal, featured the new ID Module 360 to identify codes of all kinds on cylindrical products within the work flow. With a width of just 800mm, the compact unit can be easily positioned anywhere on the production line. The code reader is fitted above the conveyor belt and be adjusted to product diameters between 16 and 120mm. The module has been developed together with I-Mation GmbH, Rottweil.

Kiario is the brand name of an innovative four colour ink jet label printer by Quick Label Systems. The table top device facilitates a high print resolution of 1,200 dpi and reaches a speed of 200mm/s. Other specifications include label sizes of 120 x 400mm (width by length) and a label roll size of 200mm in diameter. In order to maintain print quality, periodic cleanings are automatically performed „in job“. Optional accessories are a label re-winder and a built-in cutter.



Ink jet printer RX-S by Hitachi



Table top ink jet label printer Kiaro by Quick Label Systems

As a leading supplier of coding systems with HP technology, Wolke Inks & Printers GmbH, Hersbruck, introduced the thermal ink jet printer m600 touch that combines high user and maintenance friendliness. It realises high resolution prints of up to 600 dpi and guarantees maximum uptime through quick and easy cartridge changes. Up to four print heads can be driven independently or together. A specialty is the 8.4" touchscreen. By an intuitive graphical user interface with easy to learn icon-based controls, all common operations can be handled in five or less touches. (All photos: Kimberly Wittlieb)



MR335 SQ conveyor belt labeller by Multivac Marking & Inspection



... fit for future!



Simultaneous translation
German, English and French

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