

Fast and Flexible Labeling Machine



The newest machine from Newman Labeling Machines Ltd. (England) is used to attach and check labels on containers for pharmaceutical products. A significant difference between this machine and its predecessors is the increase in productivity due to higher positioning precision.

VAL550. This is the name of the totally new system from Newman Ltd. which is a pressure-sensitive high-speed machine for sticking labels onto vials, ampoules and cartridges, which are mainly used in the pharmaceutical industry. The justification for the term "high-speed" is that up to 450 containers can be processed per minute. This means that an unbelievable 8 containers pass through the system per second.

This labeling machine was developed as a reaction to the most recent FDA and GMP requirements. The machine is equipped with the PCC system 2005 so as to fulfil these requirements. A DM455 module is used for the label roller drive, which is driven by a stepper motor. This determines the label length and enables greater precision to be achieved when positioning the labels.

Self-Learning System

The process of determining the label length is a self-learning system. Labels between 12x10 and 70x60 mm can be used with the VAL550. Printing out product-

specific data and bar codes is also carried out by the DM455 module. This type of labeling produces significantly better product-handling, as damage and breakage to the most sensitive containers are avoided due to higher positioning precision. Safety features include automatic checking of the most important automation steps for optimum operating safety, a so-called "positive accept" reject system, the integration of "Optical Character Verification" (OCV), the connection of a bar code reader and an operating data record, which can of course be printed out. PANELWARE visualization products from B&R, the first modular MMI, are used as the operator interface. ■