

# Intuitive case coding

Issued by [Pyrotec](#)

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Pyrotec's machinery division, Pyrotec PackMark, has launched the new 4500 Drop on Demand (DOD) Valve Jet coder from trusted global manufacturer of product identification and traceability solutions, Markem-Imaje.



"The 4500 Drop on Demand (DOD) Valve Jet coder offers intuitive case coding with unmatched value and an abundance of immediate and simple operational benefits. With its highly-responsive colour touch screen, this coder is designed to be run with the tip of a finger in the operator's local language thanks to its simple, intuitive WYSIWYG 5.7-inch touch screen user interface," explains Pyrotec PackMark's general manager, Brandon Pearce.

Uptime is enhanced with a clean plug and play consumable changeover that takes less than 30 seconds, and no daily maintenance is required. Extended connectivity for enhanced ease of use is simply a case of downloading or backing up production data via a USB stick.

"Installation and integration is also simple – buy it, unwrap it and install it, even in dusty or humid conditions. This IP54-rated coder is compact with head-positioning options that make it ideal for hard to access production lines and a variety of pack sizes and environments. There's no need for specialised training, and consumable management is automatic, clean and fully secure. What's more, the 4500 DOD Valve Jet coder is ideal for seasonal use – it restarts immediately after up to three months of storage without the need for flushing," Pearce notes.

The 4500 DOD Valve Jet coder allows customers to identify cartons with codes up to 56mm high, multiple characters and logos in several languages, and reduce waste with consistent quality print. Additionally, it codes 39 000 cartons with just one litre of ink (based on a standard application of 16 characters, 7N-13mm dot size 3), providing unmatched value to production lines.

Print features include two water-based inks (black and red) for porous substrates; 0.5 or one litre ink bottles with ink level alarms; and seven-nozzle print heads that print one line of 13mm or 24mm, or 16-nozzle print heads that print one line of 29 or 56mm, or two lines of 13mm or 24mm each. Other features include the coder's ability to print text, time, date, expiration dates, shift code, counters and images (png or bmp), and a calendar feature for custom date formats.

With three user levels, the 4500 DOD Valve Jet coder has a manual set or built-in speed detection, object detection by integrated photocells, and conveyor stoppage output on printer error.

In conclusion, Pearce notes that this easy to use plug and play unit requires no expert knowledge for installation.

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