



Matthews' Laser and Vision System Revolutionizes Thin Foil Coding in the Pharma Industry

Objective

In the pharmaceutical industry, providing a safe product to consumers is the top requirement. Currently, pharmaceutical companies use continuous ink jet for marking and coding, which is prone to chipping and may wipe away or fade, resulting in missing and inconsistent codes, 5-10% downtime per day, and high maintenance costs.

Matthews' Solution

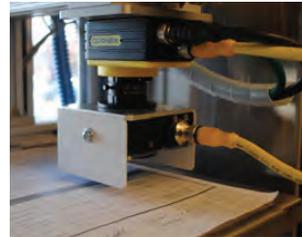
Matthews Marking Systems offers the only laser solution that provides a clean, permanent mark on 8 micron foils instead of thicker 12 micron foils, therefore reducing material costs. Matthews' lasers mark blister packs with no burn through, all while keeping up with high production line speeds. Compared to continuous ink jet marking, laser coding is more reliable, thus greatly reducing the number of false rejects, and without using ink, laser provides a cleaner solution and sharper code quality. With continuous ink jet, any downtime for the printer results in poor code quality after start up; laser marking eliminates this issue.

Results

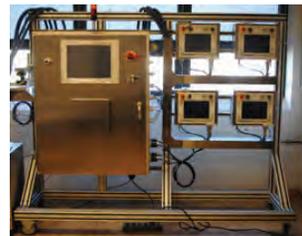
Matthews' lasers eliminates this inconsistency by utilizing uniform characters and OCR-B font. Our lasers also easily accommodate global requirements, allowing for flexibility regarding date of manufacturing, lot number, and expiration date. Chinese characters, for example, are difficult to print with ink jet due to machine memory constraints and character formation.



Print and verify multiple lines of text at a time



Scan and upload desired mark; operator simply confirms on touchscreen



Control multiple lasers and vision verification systems with one controller

Quick Facts

Industry: Pharmaceutical
Material: 8 Micron Foil
Message: Manufacturing Date, Lot Number, Expiration Date



Matthews Marking Systems™

Americas | Pittsburgh, PA | O: 800-775-7775 | www.matthewsmarking.com
Asia | Beijing, China | O: +86. 10.8879.6525 | www.matthewsmarking.cn
Europe/Australasia | Mölndal, Sweden | O: +46.3 1.338.7900 | www.matthewsmarking.se
Germany | Aschau, Germany | O: +49.80.5295 110 | www.matthewsmarking.de