

REA JET

INDUSTRIAL CODING AND
MARKING SOLUTIONS -
MADE IN GERMANY

REA JET

Solutions for the Pharmaceutical Industry



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Counterfeit medications are causing the pharmaceutical industry financial damage worth billions every year. The consumer bears uncalculated health risks through faked drugs. Worldwide laws and regulations aim to protect the consumer through coding and marking directives in order to ensure traceability and unique identification of the product.

REAJET is offering different solutions to guarantee dependable marking and coding with the REAJET HR Thermal Ink Jet Printer. The pharmaceutical packaging is marked contact-free with dynamic data in human readable text and with machine readable codes in accordance with the set standards. This makes serialisation as well as simple and unique identification of the packaging possible - at any point of the flow of goods.

Solution 1:

Printing 2D codes and human readable text, reading and checking 2D codes



Range of application:

- reading 2D datamatrix information and comparison of content with the stored „golden sample“
- alphanumeric notification of code contents for simple batch arrangement

Features:

- compact camera with integrated lighting with protection class IP65
- resolution: 1600 x 1200 pixel
- all relevant 2D codes and barcodes are supported
- with Ethernet connection for the parameterization and evaluation
- external connection unit with alphanumeric display
- digital outputs for good / bad evaluation
- system with simple to operate technical function

Your advantage:

Inexpensive solution for inline checking of 2D codes

Solution 2:

Printing, reading, checking and comparing of 2D codes + human readable text information



Range of application:

- reading of 2D datamatrix codes and human readable content with examination of accordance with GS1 data structure
- comparison of read contents with stored „golden sample“
- detailed, visual indication of the deviations from the „golden sample“ in consideration of all relevant data identifiers

Features:

- 12.1 inch TFT color LCD touch screen with integrated controller for 2 cameras
- controller with 11 inlets and 26 outlets, 3x USB, 1x Ethernet
- no additional PC necessarily
- high speed camera with smallest dimensions 31x76 mm
- resolution: 640x480 pixel
- optional stainless steel housings for camera and lighting
- optional FlexXpect pharmaceutical package for validation in accordance with FDA 21 CFR part 11

Your advantage:

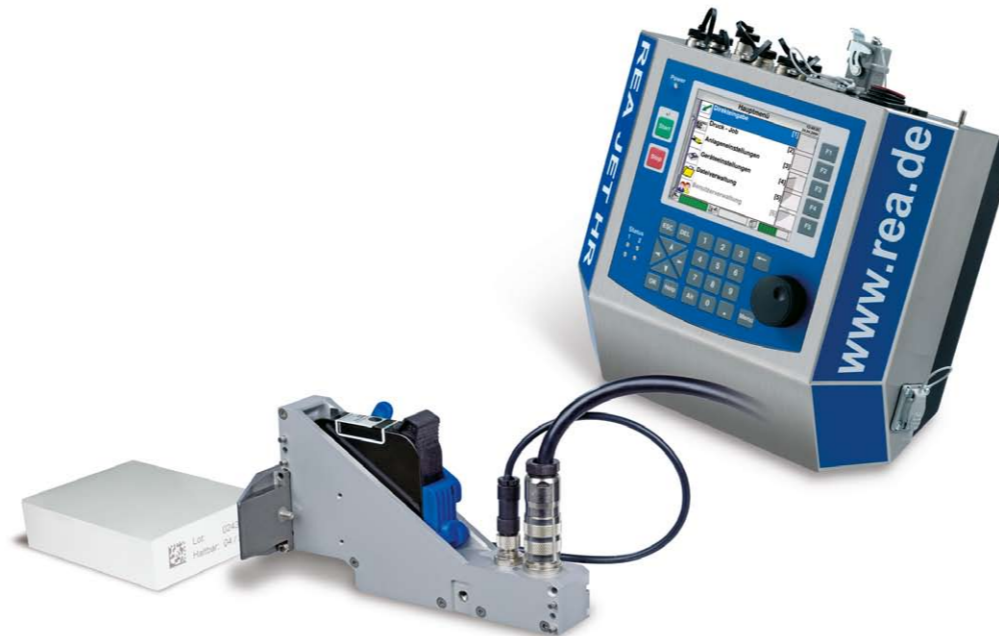
Approved compact solution for inline examination of 2D codes and human readable text

The most innovative thermal ink jet printing system of its class as a reliable basis for pharmaceutical solutions

REA JET HR

Range of application:

- marking of pharmaceutical packaging
- ready for international use due to support of the world-wide most important character sets with Unicode based firmware, even right to left written fonts such as Arabic and Hebrew are supported
- only one hardware version for the world-wide use due to a universal power supply (95 to 265 Volt, 50/60 Hz)
- due to global serviceability the standard system for globally operating companies



Features:

- animated graphic user interface supporting the world's most important languages
- stainless steel housing, protection class IP65
- print head in high-quality industrial design with integrated locking device monitoring system
- max. printing speed: up to 381 m/min.
- 16 different horizontal resolutions from 60 to 600 dpi for optimal code quality
- large range of supported machine-readable codes (EAN13, code 128, GS1 128, Code 39, 2/5 I, ITF 14, UPC A, UPC B, 2D DataMatrix, GS1 DataMatrix, QR Code, Mini QR Code, GS1 Databar)
- integrated webserver for optimal remote maintenance
- UPnP discovery support (plug and play for Ethernet) for simple network integration
- guided GS1-data input
- GS1 DataMatrix code in accordance with rules and regulations in best resolution with full-extended data content
- special pharmaceutical function: parametric trigger for connected camera

Your advantage:

REA JET HR - the universal marking solution for pharmaceutical industry

Solution 3:

Inline Track & Trace complete solution

Printing, reading, checking, comparing and documentation of serialized 2D codes + human readable texts. Recognizing and removing of bad quality samples.



MV-5000 inclusive camera system

Range of application:

- the complete solution for sophisticated serialization requirements in the pharmaceutical industry
- real time processing of serialized data without any stocking of stored data (no block format data transmission)
- communication with different ERP systems, with integrated Oracle database

Features:

- the industry solution with the most compact dimensions on the market (w: 500 x d: 800 x h: 1798 mm)
- touch screen PC at ergonomic position as central operating element for controlling database, conveyor, camera and marking system
- with integrated removal station for rejected packaging
- optimized for marking and checking of up to two sides of packaging boxes (up to 4 cameras and 4 REA JET HR print heads)
- easily adjustable transport system for folding box sizes (l: 50-200 mm, w: 35-160 mm, h: 20-90 mm)

Your advantage:

Easy to integrate turnkey solution from one single source

REA JET

For your quality assurance: Verification devices for code quality

REA JET MLV-2D

Range of application:

- verification of code quality according to international standards and GS1-specification
- verification of the code quality in accordance with ISO/IEC 15415 and ISO/IEC 15416
- verification of the codes with respect to content accuracy
- proof of observance of quality requirements for customers and suppliers by detailed test record with evaluation of code criteria
- long-term management of optimal process cycles by optimal datamatrix codes
- setting optimization of the coding and marking system (offset, ink jet, laser, labels etc.)

Features:

- robust verification system with defined angle ratio in accordance with ISO/IEC 15415
- verification of datamatrix codes and GS1 datamatrix codes as well as a large selection of barcodes
- mobile device with display operated positioning aid and display indication of measuring results
- most simple setting-up operation
- reliable communication via Ethernet interface
- power supply via PoE (power over Ethernet)
- measuring accuracy in accordance with ISO/IEC 15426 (- 1 and -2)
- built-in red light illumination and white light illumination
- detailed inspection report and indication of quick result by multi colour LED
- internal real-time clock for time and date stamps on inspection reports
- weight: 1200 g
- dimensions: 203 x 203 x 300 mm

Legible „most of the time“ is not enough!



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