CIM
CARD IMAGING MASTER

ME550
CR80 DATA MATRIX

TOUCH SCREEN 7"

INTERNET OF THINGS

WIFI

USB

ETHERNET

DATA MATRIX

METAL PLATE Systems

COMPACT, PORTABLE CR80 METAL TAG EMBOSSER WITH 2D DATA MATRIX OPTION

The **ME550 CR80 DATA MATRIX** is a portable metal tag embosser to mark alphanumeric characters and **2D DATA MATRIX** barcodes on **CR80** tag sizes (85,6 mm x 54 mm / 3.37" x 2.13") ideal for permanent marking of aluminum and stainless steel tags. The **2D DATA MATRIX** barcode has the great advantage of containing a high volume of data on limited space. With a 10% increase in production speed, a completely renewed design and new features, the **ME550 CR80 DATA MATRIX** is an advanced solution that can be integrated into any existing factory or office network.

7" color touchscreen display with high resolution
The **ME550 CR80 DATA MATRIX** is equipped with a built-in 7 "WVGA LCD touchscreen display with simple and easy to use icon and buttons. The user can access and manage machine functions through a multi-level menu in an easy and intuitive way.

IoT (Internet of Things) remote access and management
- Web services: The machine set-up and operations can be entirely managed remotely via the web or through the use of VNC (Virtual Networking Computing) client, using a personal computer or other devices connected to the Customer's network.
- Data transfer: Data import/export and the machine updating can be managed from any device connected to the embosser via Ethernet by using the FTP protocol (file transfer protocol).

USB (type A, type B), Ethernet and WiFi
The **ME550 CR80 DATA MATRIX** can be connected to a personal computer, to load data and start production, or to another device, such as keyboard, barcode reader or other if needed.

The **ME550 CR80 DATA MATRIX** is a completely self-contained tag marking machine, and is ideal for component and production line identification and traceability applications. Designed to operate in harsh industrial environments and easy to transport.

USED BY

- AUTOMOTIVE PLANTS
- SHIPYARDS
- STEEL PLANTS
- INDUSTRIAL MANUFACTURERS
- LOGGING INDUSTRIES
- LOGISTICS MANAGEMENT
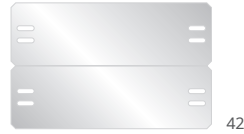- POWER & UTILITY COMPANIES

IDEAL FOR

CR80 SIZE

FEATURES AND SPECIFICATIONS

MODEL NAME	ME550 CR80 DATA MATRIX

PLATE AND FEEDER

Dimensions	Metal plates: CR80 standard 85,6 x 54 mm - 3.37 x 2.13 in (WxH)

Materials	Alluminum, stainless steel
Thickness	Metal plates: 0,356 ÷ 0,70 mm / 0.014 ÷ 0.0275 in
Input hopper	Up to 120 plates capacity (0,4 mm / 0.0157 in)
Output hopper	External collection tray

MARKING

Technology	Embossing or debossing
Wheel capacity	60 slots
Type set	Simplex 2, Block USA, Block 5, OCRB1
Embossing area	See picture
Performance	120 tags per hour based on 55 characters (112 tags per hour based on 60 characters)

COMMUNICATION AND SOFTWARE

Interface	USB 2.0 port (device and host), Ethernet. WiFi (optional)
Software	Linux based self enclosed software
	PowerTag PC application proprietary software Windows 7/8/10
	PowerTag USB on USB key for multiple use
Protocol	Multiembosser
	Optional: Cim, Xon-Xoff, Stored Format default, Stored Format Selected and Pound-Pound

HARDWARE

System	CPU Arm Cortex-A8 / RAM 256 MB, with flash-disk and file system Linux O.S. based
Power supply	Universal switching power supply 100-240 volts; 50 or 60 hz
Power consumption	300 Watt max
Operating environment	Temperature: 5°÷ 40°c 7 / 41°÷104° F, relative humidity 30% ÷ 90%

VARIOUS

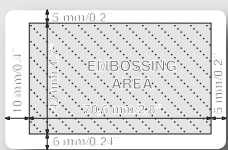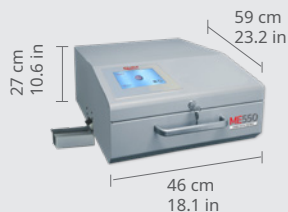| Others	Built in touch screen 7", multi-language user interface management: English, Spanish, Italian
	Innovative embedded software up-grade system thru pen drive and web server
	Interchangeable input hopper for easy charge and discharge of medical alert & dog tags
	Machine configuration protected by password for high security and data protection
	Easy to carry handle, no packaging required

CERTIFICATIONS

UL, FCC, CE, ROHS

WARRANTY

12 months

EMBOSSING AREA	DIMENSION	WEIGHT	SOFTWARE
		26 Kg / 57.3 lbs	powertag LITE optional powertag EVO

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