

COMPACT, AUTO-FEED METAL TAG EMBOSSEER WITH 2D DATA MATRIX OPTION

The **ME1500S DATA MATRIX** is an advanced solution for durable and long life industrial marking applications that require automatic data collection and the management of a **2D DATA MATRIX** barcode readable by a handheld scanner. The **ME1500S DATA MATRIX** is an advanced solution for **2D DATA MATRIX** bar code embossing that can be integrated into any existing factory and office network. 7" color touchscreen display with high resolution

The **ME1500S 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 **ME1500S 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 **ME1500S DATA MATRIX** is capable of producing **2D DATA MATRIX** bar codes with readable characters. The code can hold up to 64 characters in a variety of matrix sizes that will suit any metal tag application. You will be able to convert alpha numeric data into embossed **2D DATA MATRIX** for ease of data retrieval and management.



USED BY

- MANUFACTURING
- POWER PLANTS
- UTILITY COMPANIES
- OIL REFINERIES
- CHEMICAL PLANTS



IDEAL FOR

- COMPONENT ID
- WIP
- ASSET TRACKING
- INVENTORY CONTROL
- FACILITY IDENTIFICATION
- POST-SALE SERVICE

FEATURES AND SPECIFICATIONS

MODEL NAME ME1500S

PLATE AND FEEDER

Dimensions

Rectangular tag: 1.8 ÷ 4.5 x 0.83 ÷ 3.5 in (WxH),
 Round tag: Ø 0.5 in, dog tag: 2.05 x 1.14 in (WxH)
 Medical alert tag: 2.24 x 1.26 in (WxH)



rectangular tag



round tag



dog tag



medical alert tag

Materials

Stainless steel: 0.0157 in - aluminium: 0.0157 ÷ 0.0354 in

Thickness

0.0157 ÷ 0.0354 in

Input hopper

400 tags

Output hopper

External collection tray (FIFO)

MARKING

Technology

Embossing

Wheel capacity

60 slots

Type set

Simplex 2, Block USA, Block 5

Data Matrix embossable area

See table beside (ECC200 DATA MATRIX ENCODING AREA)

Performance

171 tags per hour based on 55 characters

COMMUNICATION AND SOFTWARE

Interface

USB 2.0 port (device and host), Ethernet, WiFi

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

100 - 117 - 220 - 230 or 240 Volts - 50 or 60 Hz

Power consumption

800 Watt max

Operating environment

Temperature: 41 - 104 °F / 5 - 40 °C, relative humidity: 30% - 90% non condensing

VARIOUS

Others

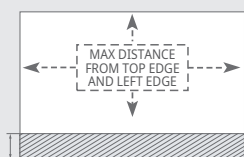
Built in touch screen 7", multi-language user interface management: English, Spanish, Italian
 Innovative embedded software up-grade system thru pen drive and web server
 Machine configuration protected by password for high security and data protection

CERTIFICATIONS

UL, FCC, CE, ROHS



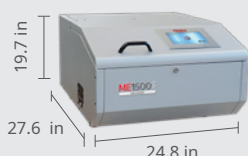
EMBOSSING AREA



Dashed area not usable height
 3,5 mm - 0.137 in



DIMENSION



189 lbs

WEIGHT



power tag
 LITE

power tag
 EVO

ECC200 DATA MATRIX ENCODING AREA

ROW & COL.	NUBER ONLY	ALPHA-NUMERIC
10 x 10	6	3
12 x 12	10	6
14 x 14	16	10
16 x 16	24	16
18 x 18	36	25
20 x 20	44	31
22 x 22	60	43
24 x 24	72	52
26 x 26	88	64