

2D/UID Data Matrix Marker



This new **slim marking head** is designed for quickly applying the **2D/UID code** in robot cells. This system may also be used by hand. The system controller offers the flexibility of DC start and mark complete signals, as well as serial and digital I/O communication.

- Includes manual electrical trigger, DC, or I/O cycle start
- System is provided with either windows 2D encryption software (PC required) or complete industrial PC platform (software preloaded)
- Vision verification/readers also provided by CMT – see page 24

Detailed drawings & operation guide available for download on the website: www.columbiamt.com



Data Matrix Marker How to Order

To Order: Select only the symbols that represent the marker feature that is needed. Place that symbol in the sequence as shown.

Model/Feature	Symbol	Example
Data Matrix Marker	DMM20	DMM20-P-25
Signumeric	-	
PCS2000	P	
10 ft Cable	-	
25 ft Cable	25	

Optional Component*	
Control Enclosure	EMCE

* additional options shown on page 25

Utilities:

- Electrical components require 110 VAC power, 6 ft electrical cord supplied
- Air power, requires connection to air supply (30-75 PSI operating range)

Features:

- Patented pivoting marking pin
- .80" x .80" marking window
- Marking speed of 3 (1/8") characters per second
- Industrial controller
- Two control encryption options for 2D code:
 - Signumeric 2D software included (PC required)
 - PCS2000 industrial touch screen PC with preloaded software (complete details page 24)
- LCD screen with simple menu commands
- Removable keyboard provided for programming
- 10 or 25 ft cable to connect marking head to controller (includes air line)
- Carbide pin included – Marks plastic, wood and metals (up to 50 RC)
- Weight of marking head: 6.5 lbs
- Unit Length: 10" Long