

TMM5100 PinStamp® Systems For Deep Marks in Deep Locations

The long-necked TMM5100 multiple-pin PinStamp marking system from Telesis offers the unmatched capability for accessing hard-to-mark areas and leaving a deep, permanent mark. With an infinite number of pin and cartridge combinations available, with up to 6 pins, the TMM5100 can meet almost any marking challenge. The TMM5100 is designed to allow for both handheld and integrated production line use.



The TMM5100 meets nearly any alphanumeric marking requirement

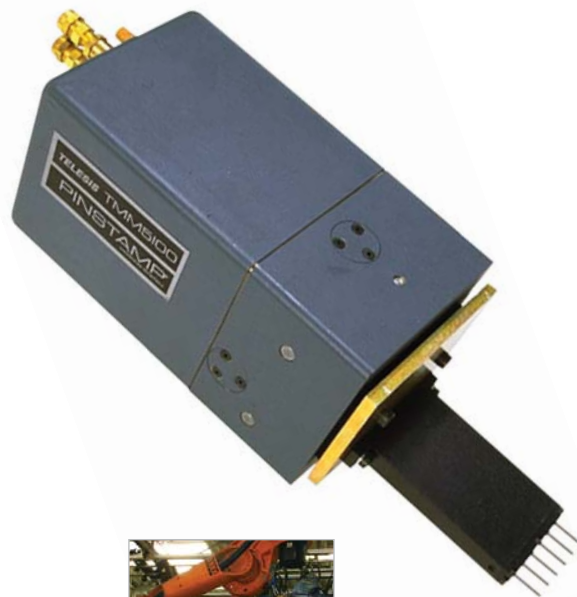
With a marking window of up to 114 x 16mm (4.5 x 0.625"), the TMM5100 is capable of full VIN marking or any other high-content product identification codes

The TMM5100 is built around Telesis's patented "floating pin" pneumatic design

- Accommodates surface irregularities up to 6.5mm (0.25")
- Available with a range of pin options, including the deep-marking 101 and 150S designs

The TMC420 controller creates a self-contained system

With PC-free operation, the TMC420 is designed for ease of integration, programming, and communications



Other options available for the TMM5100 include

- Pistol-grip handle with start-print pushbutton
- Hand-held marking head configurations (gimbal assemblies, standoffs, cable balancers)
- Marking head extension cables
- Start-print footswitch and pushbutton station
- Bar code scanner kit for data entry
- A broad range of custom pin/cartridge configurations
- PC-based logo/font design, pattern backup, and upgrade software
- Panel-mount (TMC420P) and NEMA enclosure (TMC420N) controllers

SPECIFICATIONS

TMM5100 Marking Head

Marking Window	varies with pin cartridge utilized – up to 114 x 16mm (4.5 x .625")
Maximum Marking Speed	6 characters/second – 3mm high 5x7 dot matrix characters w/25L or 25XL marking pins
Marking Pin Type	Pneumatic w/air return
Head Weight	4.9 kg (10.8 lbs.)
Pin Types	25L, 25XL, 101, 150S
Head Enclosure Rating	IP50 (NEMA 2)
Air Requirements	4.2 – 8.3 bars (60 – 120 psig), clean and dry

TMC420 Controller

Size (L x W x H)	317 x 203 x 71mm (12.5 x 8 x 2.8")
Weight	2.15 kg (4.75 lbs.)
Memory	Store up to 75 pattern files
Keyboard	Sealed and integrated
Enclosure Rating	IP30 (NEMA 1) – TMC420, IP65 (NEMA 12) – TMC420N or TMC420P appropriately installed
Operating Temperature	0° – 50°C (32° – 122°F) (head and controller)
Power Requirements	95 – 130 VAC or 200 – 250 VAC, 50 – 60Hz, single phase
Communications	Serial port (RS-232 or RS-485), discrete I/O (12 – 24 VDC), TTL start/abort
Compliance	CE, UL, CSA



TMC420



TMC420P Panel-Mount



TMC420N Nema Enclosure

Each TMM5100 comes standard with the following

- Marking head
- Pin cartridge and marking pins
- Marker cable to marking head with quick-disconnect (8m/26 ft. long)
- Filter/regulator unit with 3/8" air lines (7.5m/25 ft.) to marking head
- TMC420 controller with power cable
- Setup, operation, and maintenance manuals on CD-ROM

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