TMP 1700 PinStamp® Systems
The Versatile Solution for Direct Part Marking

The compact and durable TMP1700 single-pin marking system is our most popular system. Easily integrated into production lines, it is also excellent as a benchtop system and is even available in a convenient handheld configuration. The standard shutter assembly protects the unit from debris.

The TMP1700 comes in two designs:
Telesis's patented "floating pin" pneumatic design
• Accommodates surface irregularities up to 6.5mm (0.25")
• A range of pin options offering differing depths, including the deep-marking 150S and 150SA
• Clip-on cartridge for easy maintenance
Electric pin design (TMP1700E)
• Easy setup and use (no air needed)
• Optional autosense feature (TMP1700EAS), combined with a programmable tool post, ensures consistent pin stroke and mark quality

The TMP1700 also offers versatility in controller options:
• Self-contained TMC420 controller, for PC-free operation, offers easy integration, programming and communications
• The TMC090 controller, for use with a PC and Merlin® II Visual Design software, provides a state-of-the-art user interface for graphic designs and advanced pattern management

Other options available for the TMP1700 include:

Manual and programmable tool posts
Rotary drives for marking cylindrical parts
• Fabric boot giving additional protection from liquid and solid contaminants
• Start-print footswitch and pushbutton station
• Marking head extension cables
• Bar code scanner kit for data entry
• PC-based logo/font design, pattern backup, and upgrade software
• Panel-mount (TMC420P) and NEMA enclosure (TMC420N) controllers
• Extended cartridge with 25L or 25XL pins, other custom cartridges can be quoted on request

The TMP1700 contains Data Matrix® 2-D code marking capability, meeting all US Department of Defense UID requirements and other industry standards.
Each TMP1700 comes standard with the following:

- Marking head
- Pin cartridge and marking pin
- Marker cable prewired to marking head (4m/13 ft. long)
- Filter/regulator unit with 1/4" air lines (3.6m/12 ft.) to marking head
- TMC420 or TMC090 controller (depending on system ordered) with power cable
- For TMC090 controller, USB v2.0 cable and board (for laptop, low-profile, or full-size PCs)
- Setup, operation, and maintenance manuals on CD-ROM