PINSTAMP® Dot Peen Overview

	SINGLE PIN DOT PEEN MARKERS						**MULTI-PIN** DOT PEEN MARKERS		**PORTABLE** DOT PEEN MARKERS			**ENTRY LEVEL** DOT PEEN MARKERS	
	TMP1700	TMP2100	TMP3200	TMP4210	TMP4750	TMP6100	TMM4200	TMM4250	TMP4500E	Nomad 2000	Nomad 4000	BenchMark® 320	BenchMark® 460
Features	This proven industrial workhorse is an industry staple and continues to impress.	The TMP2100 provides great funcationality fit into a smaller footprint.	A generously sized marking window sets this dot peen marker apart from the rest.	The TMP4210 is an incredibly lightweight and compact hand-held marker.	This lightweight handheld marker delivers remarkable power and depth.	Robotic design delivers precise marks and makes part placement easy.	A unique, compact ergonomic multi-pin marker is incredibly fast.	Ideal for on-line applications in wet, dirty manufacturing environments.	A powerful piece of hand-held equipment, this marker eliminates need for air.	The Nomad is a fully portable, rechargable, battery-powered system.	The Nomad is a fully portable, rechargable, with more power than the 2000.	An entry-level machine good for bench-top applications and stand-alone marking.	An entry-level fully programable machine great for portable marking.
What it's Good For	Field-Proven Design Highly Functional Unparalled Reliability	Fast Marking Small Characters Compact Envelope	Fast Marking For Constrained Space Robust Construction	For High Production Space Constraints Easy to Use	VIN Marking Extra-Deep Marking Dark Spaces	Large Applications Cylindrical Marking Medical Applications	Constrained Space Comfortable Grip Makes Quick Marks	Wet Environments Fixtured Applications For Constrained Space	Does Not Require Air Makes Quick Marks Easy to Hold	Rechargeable Battery Can Go Anywhere Does Not Require Air	Makes Deep Marks Can Go Anywhere Does Not Require Air	Smaller Budgets Does Not Require Air Great Value	Smaller Budgets Does Not Require Air Great Value
Marking Window (in)	1.50 in x 2.50 in	0.79 in x 1.96 in	4.0 in x 6.0 in	0.5 in x 2.0 in	1.57 in x 5.5 in	6.0 in x 12.0 in	0.5 in x 2.0 in	0.5 in x 2.0 in	1.0 in x 4.0 in	1.0 in x 4.0 in	1.0 in x 4.0 in	4.0 in x 6.0 in	1.0 in x 4.0 in
Marking Window (mm)	38.1 mm x 63.5 mm	20 mm x 50 mm	101.6 mm x 152.4 mm	12.7 mm x 50.8 mm	40 mm x 140 mm	152.4 mm x 304.8 mm	12.7 mm x 50.8 mm	12.5 mm x 60.8 mm	25.4 mm x 101.6 mm	25.4 mm x 101.6 mm	25.4 mm x 101.6 mm	101.6 mm x 152.4 mm	25.4 mm x 101.6 mm
Max Marking Speed	6 characters / second	6 characters / second	6 characters / second	8 characters / second	Varies	Varies	8 Characters / second	8 Characters / second	4 characters / second	5 characters / second	4 characters / second	5 characters / second	5 characters / second
Marking Depth (in)	0.001 - 0.013 in	0.001 - 0.013 in	0.001 - 0.013 in	0.001 - 0.013 in	0.001 - 0.018 in	Varies	0.001 - 0.013 in	0.001 - 0.013 in	0.001 - 0.018 in	0.001 - 0.010 in	0.001 - 0.018 in	0.001 - 0.018 in	0.001 - 0.010 in
Marking Depth (mm)	0.03 - 0.33 mm	0.03 - 0.33 mm	0.03 - 0.33 mm	0.03 - 0.33 mm	0.03 - 0.45 mm	Varies	0.03 - 0.33 mm	0.03 - 0.33 mm	0.03 - 0.46 mm	0.03 - 0.25 mm	0.03 - 0.46 mm	0.03 - 0.46 mm	0.03 - 0.25 mm
Max Character Height (in)	1.5 in	0.79 in	4.0 in	0.5 in	5.5 in	6 in	0.5 in	0.5 in	1.0 in	1.0 in	1.0 in	4.0 in	1.0 in
Max Character Height (mm)	38.1 mm	20 mm	101.6 mm	12.7 mm	140 mm	152.4 mm	12.7 mm	12.7 mm	25.4 mm	25.4 mm	25.4 mm	101.6 mm	25.4 mm
Max Resolution	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	80 dpi	80 dpi	80 dpi	80 dpi	80 dpi
Logo Marking Capable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2D Code Marking Capable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Radial Marking Capable	Yes	Yes	Yes	No	No	Yes	No	Yes	No	No	No	Yes	No
Programmable Z-Axis	Yes	Yes	Yes	No	No	Yes	No	Yes	No	No	No	No	No
Floating Pin Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Maximum Number of Pins	1	1	1	1	1	1	4	4	1	1	1	1	1
Mounting	Fixed-Mount Standard Hand-Held Optional	Fixed-Mount Standard Hand-held Optional	Fixed-Mount Standard Hand-held Optional	Hand-Held Standard Fixed-Mount Optional	Hand-Held Standard Fixed-Mount Optional	Fixed-Mount Standard	Hand-Held Standard	Hand-Held Standard	Hand-held Standard	Hand-held Standard	Hand-held Standard	Fixed-Mount Standard	Hand-held Standard
Available in Electronic	No	No	No	No	No	Yes	No	No	Electric Only	Electric Only	Electric Only	Electric Only	Electric Only
Controllers Available	Fixed-Button (TMC470) Touch Screen (TMC520) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Touch Screen (TMC520) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (TMC470) Merlin III w/ PC	Fixed-Button (BM470) Touch Screen (TMC520) Merlin III w/ PC	Fixed-Button (BM470) Touch Screen (TMC520) Merlin III w/ PC