



VM2142 Control Unit

VM2141
Mechanical Unit



VM2140

Electromagnetic Pen
Marking Machine

**Mark characters & 2D codes on any
surfaces by just pressing a single button
on the unit!**

- *Engrave letters and 2D codes (QR, MicroQR, DataMatrix) on metal parts!*
- *No pneumatic pressure required! Runs on power only!*
- *Quiet operation!*
- *Hand-held use available!*



Specifications

Pen type	Electromagnetic Pen		
Marking range (X×Y)	30 × 15 mm		
Marking range (Z)	1~4mm from the stylus tip		
Marking speed (10 characters / Size: 3mm)	6 ~ 13 sec.		
Available characters	Alphabet	Uppercase	26 types
		Lowercase	26 types
	Symbol		18 types
	Number		10 types
Character size (= height)	1~15 mm (in increments of 0.1mm)		
Font	3 types (Vector's original font)		
Memory capacity for character lines	255 lines (J1~J255)		
Memory capacity for command sets	255 sets (S1~S255)		
Number of characters per a character line	1~36 characters		
Marking function			
- Serial number	1~10 digits / Periodical reset		
- Date & Tiime	Year. Month. Day. Hour. Minute. Second (E.g. 11. 02. 28. 12. 10. 16)		
- Circular arc/ Angular	Available		
- 2D code	DataMatrix, QR Code, Micro QR Code		
- Special character	Supported (by using PC software)		
Interface	USB / I/O(Parallel) / RS-232		
Power supply	Single-phase AC100V~230V±10% 47~63 Hz, approx. 140VA		
Environmental condition	Operating temperature: 0~40 °C Storage temperature: -5 ~ 50 °C Relative humidity: 90%RH or less (no condensation)		
Dimentions (W×H×D)	VM2141: 135 × 155×88 mm *1 VM2142: 251 × 65×182 mm *1		
Weight	VM2141: 1.3Kg / VM2142: 1.4kg		
Pen direction	Gravity direction~horizontal direction		
Structure	Mechanical Unit - Control Unit separate type		
Package content of VM2140	VM2141 / VM2142 Control cable / Power cable *2 AC adapter / Manual CD-ROM Software CD-ROM (incl. sample data)		
PC software	Windows XP/7/8/8.1/10 *3		

*1 Pen units and connectors are not included.

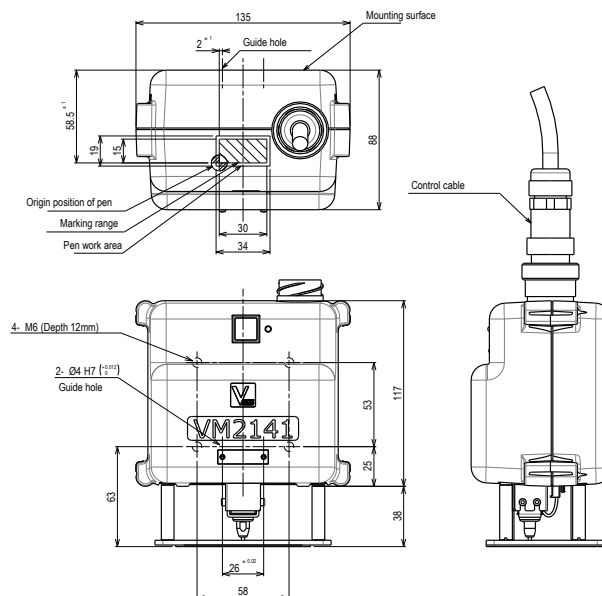
*2 Attached power cable is available in Japan only.

To use the marking machine out of Japan, please use the compatible cable.

*3 Windows XP, Windows 7, Windows 8, Windows 8.1 and Windows 10 are either registered trademarks of Microsoft Corporation in United States and other countries.

External Dimensions (Unit: mm)

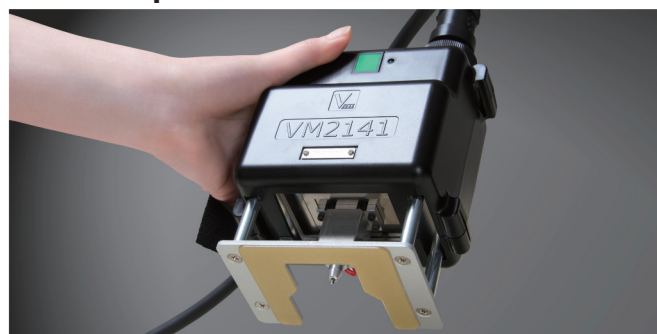
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Pen guard prevents collisions between the pen and workpieces



Handheld operation is available.



■ Specifications and design are subject to modify without notice.

■ This product (incl. technologies) is a target of catch-all controls. Export of this product out of Japan may require permission of minister of economy, trade and industry pursuant to foreign exchange law.



Vector Co., Ltd.
<https://vecc.jp>



HEAD OFFICE:
2-12-16, Eki-minami, Kosai-shi, Shizuoka,
431-0427, Japan
TEL: +81-53-573-3838 FAX: +81-53-577-0118