



Multi Stylus Pen Marking Machine

VM1250

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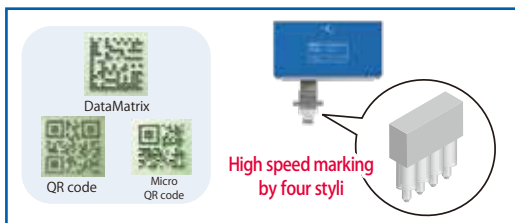
VM1251
Mechanical Unit

VM1252
Control Unit



*Marking Stand (a mount for the marking machine) is sold separately

VM1250 Multi Stylus Pen Marking Machine delivers semi-permanent marking on a wide range of metals, including steel, stainless-steel and aluminum, as well as plastics and other nonmetallic metals. It is designed to handle marking needs for production management, quality assurance, product-liability countermeasures, ISO measures, distribution management and more.



High speed marking (dot character & 2D code)

By using "Multi Stylus Pen" (operates 2~4 styli at a time), this model can mark dot characters and 2D codes faster than single stylus pen models.



High reliability and maintainability

VM1251 can withstand high mechanical load by adopting high torque motor and renewed motor control system. Also, VM1251 achieves good maintainability by adopting button battery, etc.



Various options and extensions

You can operate the machine by VM1891 Operating Unit. Also, you can add various options to the machine whenever you need.



Multi Stylus Pen Marking Machine VM1250

Specifications

Pen type	Multi-stylus (four styli) Pen
Marking range (X, Y)	80 × 30 mm *1
Pen stroke	Approx.13mm (Z-axis Marking Range: 7mm)
Marking speed	100~4000mm/min (in increments 100mm/min)
Available characters	Alphabet Uppercase 26 types Symbol 18 types Number 10 types
Character size (=height)	4.34mm (Pen: MU0005-001) 3.50mm (Pen: MU0004-001)
Character size (=height)	5.0mm (Pen: MU0005-001) 4.0mm (Pen: MU0004-001)
Font	1 type (Vector's original dot font)
Job registered number (J No.)	255 jobs (J1~J255)
Sequence registered number (S No.)	255 sequences (S1~S255)
String length	1~36 characters
Marking function	
- Increment	1~10 digits
- Calendar	Year. Month. Day. Hour. Minute. Second (E.g. 11. 02. 28. 12. 10. 16)
- Circular arc marking	Available (by using single stylus)
- 2D code	DataMatrix, QR Code, Micro QR Code
- Special character	Supported (by using PC software)
Interface	I/O (Parallel): 50pin, NPN/PNP connect RS- 232C (Serial): 9pin USB (for operation by PC): USB B
Power supply	Single-phase AC100V~230V ± 10% 50 / 60 Hz, approx. 200VA
Air supply	0.3~0.5MPa, 130L / min (A.N.R.) *2 Dry clean air (below atmospheric dew point -17°C)
Environmental Condition	Operating temperature: 0~40 °C Storage temperature: -5 ~ +50 °C Relative humidity: 90%RH or less (no condensation)
Dimensions (W×H×D)	Mechanical Unit: approx. 204×284×153 mm *3 Control Unit: approx. 180×294×269mm *4
Weight	Mechanical Unit: approx. 7.4Kg Control Unit: approx. 4.6kg
Mounting orientation	Mechanical Unit: Gravity direction~horizontal direction Control Unit: Vertical layout
Structure	Mechanical Unit - Control Unit separate type
Option	Air Supply Unit, VM7834 Marking Stand (Mount) VM1891 Operating Unit
Accessories	- Application Software (for Windows XP/7/8/8.1/10, CD-ROM) *5 - Manual

*1 Actual marking ranges are varied by pen types because of the structure of multi-stylus pens.

*2 The rate varies according to character size, font and marking speed settings.
For details, please consult our sales department.

*3 Pen units and connectors are not included.

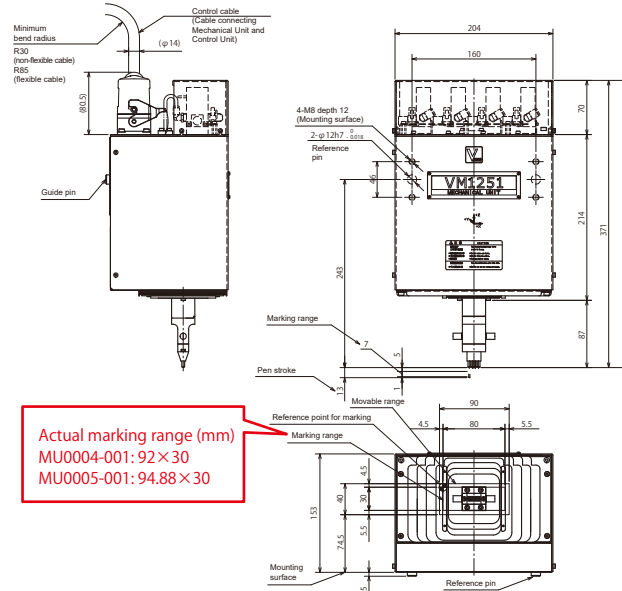
*4 Connectors are not included.

■ Specifications and design are subject to modify without notice.

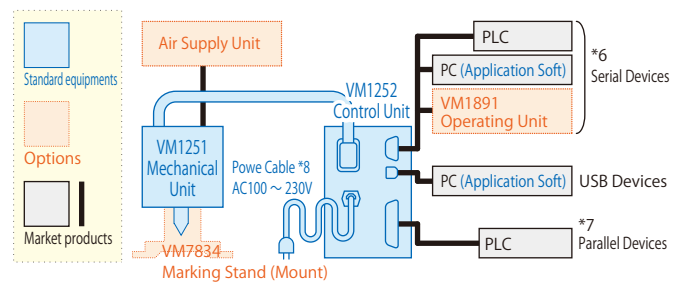
■ This product (incl. technologies) is a target of catch-all controls. Export of this product out of Japan may require permission of minister of economy, trade and industry pursuant to foreign exchange law.

External Dimensions (Unit: mm)

VM1251 Mechanical Unit



Block Diagram



*5 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.

*6 Spec. of serial (RS-232C) cable is as follows.
Vector's VM7872 Cable (5m) meets the specifications.



*7 Spec. of parallel (I/O) cable is as follows.
Vector's VM8679 Cable (5m) meets the specifications.



*8 Attached power cable is available in Japan only.
To use the marking machine out of Japan, please use the compatible cable.



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