Specifications

Pen type	Air Pen (High-power Pen)
Marking range (X×Y)	100 ×100 mm
Pen stroke	Approx.8mm (Z-axis Marking Range: 2mm)
Marking speed	100~12000mm/min (in increments 100mm/min)
Available characters	Alphabet　Uppercase　26 types Alphabet　Lowercase　26 types Symbol　　　　　　　18 types Number　　　　　　　10 types
Character size (=height)	1~100 mm (in increments 0.1mm)
Font	3 types
Job registered number (J No.)	512 jobs (J1～J512)
Sequence registered number (S No.)	512 sequences (S1～S512)
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
- 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)：25pin USB 2.0 (for operation by PC)：USB B
Power supply	Single-phase AC100V~115V(+15,-10%) 50 / 60 Hz, approx. 550VA
Air supply	0.3~0.5MPa, 60 L / min（A.N.R.）*1 Dry clean air (below atmospheric dew point -17℃)
Environmental Condition	Operating temperature: 0~40 ℃ Storage temperature: -5 ~ +50 ℃ Relative humidity: 90%RH or less (no condensation)
Dimensions (W×H×D)	Mechanical Unit: approx. 244×279×250.5 mm *2 Control Unit: approx. 265×270×260mm *3
Weight	Mechanical Unit: approx. 12kg Control Unit: approx. 7kg
Mounting orientation	Mechanical Unit: Gravity direction~holizontal direction Control Unit: Vertical layout
Structure	Mechanical Unit - Control Unit separate type
Option	VM8682 Marking Stand (Mount) VM7891 Operating Unit
Accessories	- Application Software （for Windows XP/7/8/8.1/10, CD-ROM）*4 - Manual

*1 The rate varies according to character size, font and marking speed settings.
　 For details, please consult our sales deperment.
*2 Pen units and connectors are not included.
*3 Connectors are not included.
*4 Windows XP, Windows 7, Windows 8, Windows 8.1 and Windows 10 are either
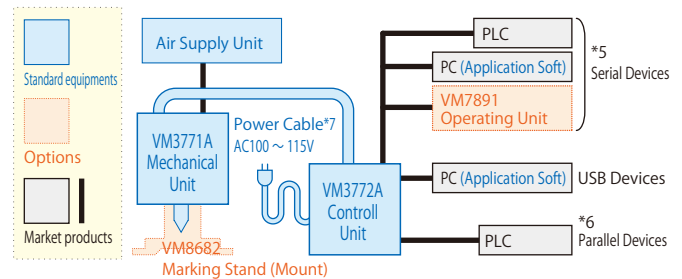　 registered trademarks of Microsoft Corporation in United States and other countries.

External Dimensions (Unit: mm)

VM3771A Mechanical Unit
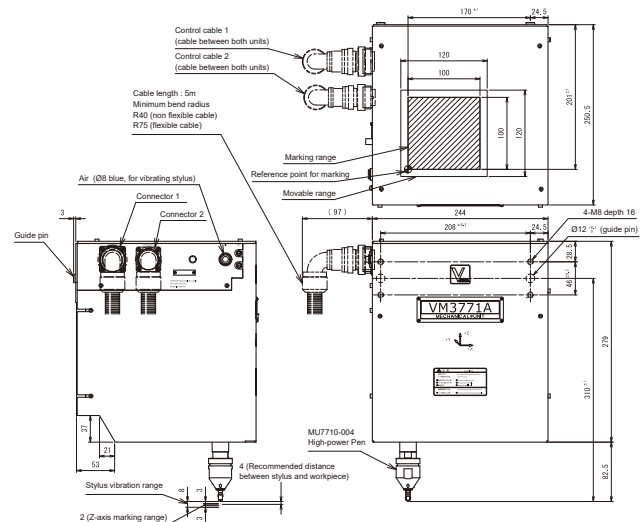
Block Diagram

*5　Spec. of serial (RS-232C) cable is as follows.
　　Vector's VM7873 Cable (5m) meets the specifications.

Marking Machine ——(Reverse cable)—— External devices
　　D－sub25P　　　　　　　　D－sub9P

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

Marking Machine ——(50-conductor)—— External devices
　　D－sub 50P
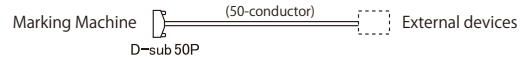
*7　Attached power cable is available in Japan only.
　　To use the marking machine out of Japan, please use the compatible cable.

■　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.