Ultrasonic Pen Marking Machine

Low Noise VM7830B

VM7831B Mechanical Unit

VM7832B Control Unit

VM7891 Operating unit (Optional)

Vector Co., Ltd.

Specifications

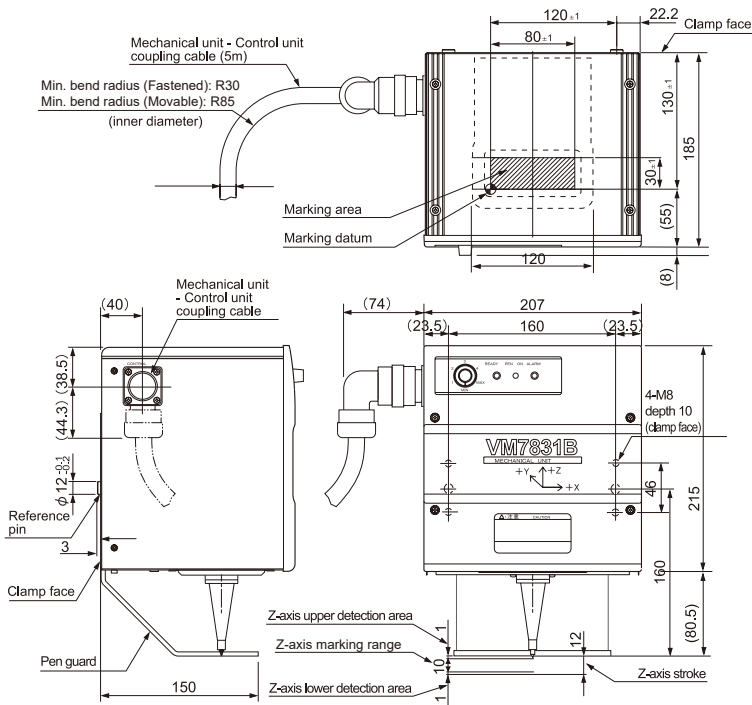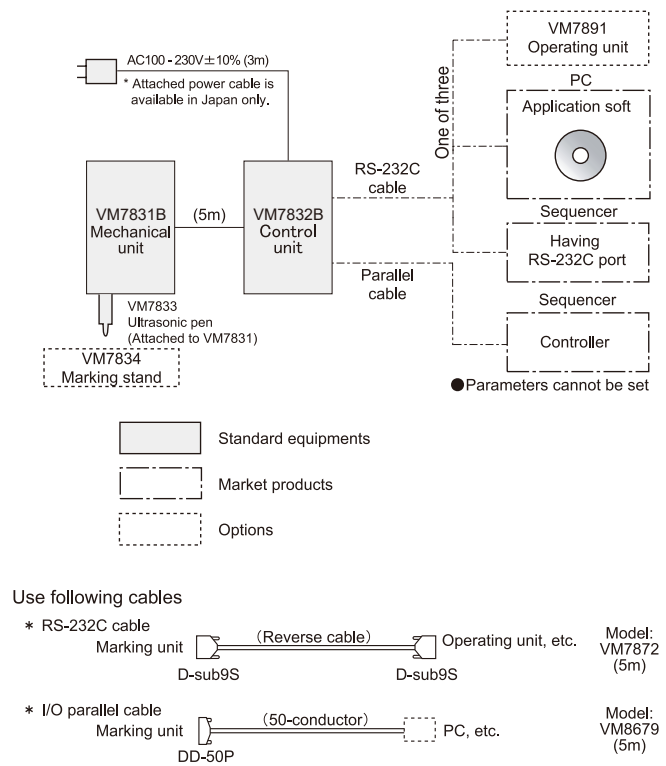|			
Pen type	Ultrasonic vibration pen	Power Supply	100 to 230 VAC ±10% 50/60Hz Approx. 400VA
Marking range	80(X)x30(Y)		
Z-axis stroke	12mm (Marking range: 10mm)		
Work surface material	Steel, stainless steel, alminum, copper and their alloys, as well as hard plastics, etc.	Environment condition	Operating temperature: 0 to 40 degrees C Storage temperature: -5 to +50 degrees C Relative humidity: 90%RH or less (No condensation)
Marking rate	2 characters/sec.(MAX)（character size: 5mm) *1		
Character sets	Alphabet (Uppercase, Lowercase), numerals, symbols: 80(total)	Dimensions	Mechanical unit: Approx. 207(W)x215(H)x185(D)mm Control unit: Approx. 318(W)x273(H)x261(D)mm
Character size (=height)	0.5 to 30mm（in increments 0.5mm）	Mass	Mechanical unit: Approx. 7kg Control unit: Approx. 9kg
Font	Our original fonts (3 types)		
Strings registered number	255 (1 to 255 in J number)	Accessories	Application soft (For Windows®XP, CD-ROM) Operation manual(3), Power cable
Sequences registered	255 (1 to 255 in S number)		
String length	1 to 36 characters		
Character rotation degree	45 degrees step	Options	VM7891 Operating unit VM7834 Marking stand
Interface	RS-232C (Serial), I/O (Parallel)		
Other functions	Increment, circular arc marking, calendar		

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

Dimensions

Unit:mm

Block Diagram

●Parameters cannot be set

Standard equipments

Market products

Options

Use following cables

* RS-232C cable
  Marking unit （Reverse cable） Operating unit, etc.
  D-sub9S   D-sub9S
  Model: VM7872 (5m)

* I/O parallel cable
  Marking unit （50-conductor） PC, etc.
  DD-50P
  Model: VM8679 (5m)

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