

# Maxim III

Marking Window  
100mm x 75mm

Component heights up to  
200mm

The Maxim III is well established as the entry-level marking solution for many aerospace and automotive applications requiring the precise application of human-readable text, 2D codes, and logos onto components of all shapes and sizes.

The standard "LCD" version comes with an embedded controller, whereas the "USB" version gives the option to connect the Maxim III to a PC and use our marking and traceability software. The Touch features an integrated control system. The user friendly 5.7" touchscreen, mounted on the marking head itself means this completely self-contained unit has no need of a cabled external controller.

**NEW**



**Maxim III LCD**



**Maxim III USB**



**Maxim III Touch**

## STANDARD FEATURES

- 4000 series controller
- 100mm x 75mm marking window
- Manual Z-axis adjustment
- Large capacity memory for layout storage
- 5 x 7, 7 x 9, Varidot fonts with LCD
- True type fonts, DXF, HPGL fonts with USB (in addition to LCD fonts)
- Variable marking speed
- "Plug & Play"
- Multilingual user interface

## APPLICATIONS

- Batch marking of components
- Serial number plates
- Date codes
- Logos, company names
- CE & specification marking
- Human readable text
- Data matrix codes (2D codes)
- Component identification and traceability

## OPTIONAL VERSIONS

### Benefits / Requirements

PC-based software control,  
USB controller

Drag-and-drop editor, Windows-based software. Note that LCD-embedded controller is not supplied with this option. Control is only via PC.

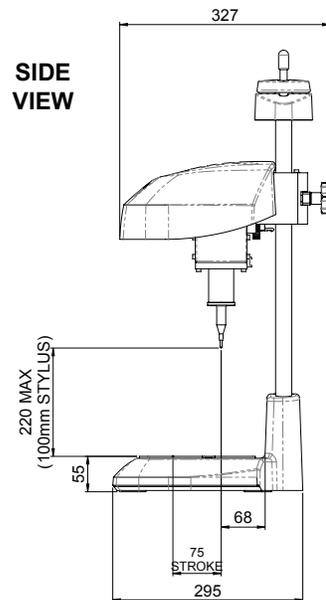
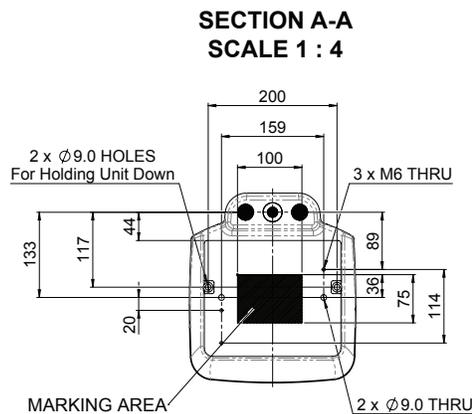
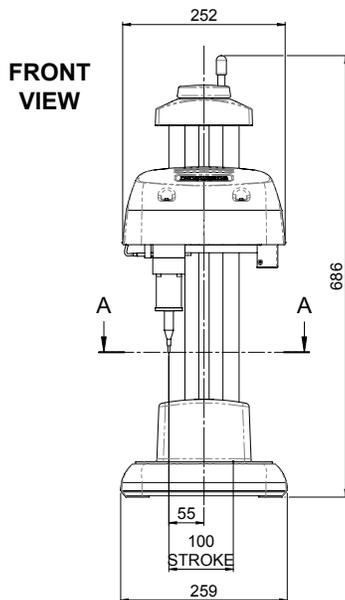
Alternate nosepiece/stylus

Wider / shallower tip angle, longer reach versions available

Column extension

410mm max component height instead of standard 200mm

TECHNICAL DATA		
Marking area	100mm x 75mm; 200mm max component height 100mm x 75mm; 410mm max component height	
Weight	Maxim III = 13kg; with 4000 controller = 18kg Maxim III = 13kg; with USB controller = 15.5kg	
Dimensions	W: 259mm, H: 686mm, D: 327mm	
Nosepiece and stylus	Electric solenoid – 100mm long, 4mm diameter, 90° stylus tip, carbide Various alternatives available	
Controller/supply requirements	<b>Controller</b> 4000 USB-PC Integrated	<b>Supply requirements</b> 230V 50Hz / 110V 60Hz 230V 50Hz / 110V 60Hz 6 bar (87psi) non-lubricated, dry 6 bar (87psi) non-lubricated, dry
Construction	Aluminium base and column, metal internals, plastic cover	
Operating temperature	0°C - 80°C (32°F - 176°F)	
Workpiece hardness	Max. 62 HRC (800HV)	
Marking type	5x7, 7x9, Varidot, HPGL, BMP Logos, True Type Fonts, Data Matrix	
Character sizes	0.18mm – 99.9mm in 0.18mm increments	



## COMPATIBLE ACCESSORIES

## Description

Single label fixture	For right angled labels/parts 35-100mm x 20-75mm x 0.5-2.0mm
Magnetic clamp	For flat parts. Area 184mm x 100mm. Holding force 80N/cm <sup>2</sup>
Magnetic V-shaped clamp	Cylindrical parts diameters 5-70mm, includes machine base adaptor
Circumferential axis – standard	Marking round circumference, part diameter up to 76mm, with homing sensor
Automatic tag feeder	For flat, burr free labels 25-110mm x 25-75mm x 0.8-3.0mm thick
Barcode reader	RS232 barcode scanner to select program
Foot switch	Starts the marking cycle. Requires I/O card in the controller. LCD only