

POWERMARK

Powerful yet Affordable Laser Marker

Fiber RZ

Fiber HS

Fiber EZ

Namson PowerMark Fiber Laser Marker - the Vietnamese first ever powerful & high performance, accuracy with a very affordable investment. As a comprehensive laser solution which can be widely applied in many industries, Namson PowerMark Fiber Laser Marker satisfies most of laser marking requirements.

- ↳ Saving working space and facility for stand-alone marking or production line integrating with easy-to-install, modern and compact design of Namson PowerMark F series
- ↳ Extreme stability
- ↳ Maintenance-free feature of finer laser marker saves enormous operating and maintenance cost.
- ↳ Warranty: 24 months direct-from-manufacturer warranty

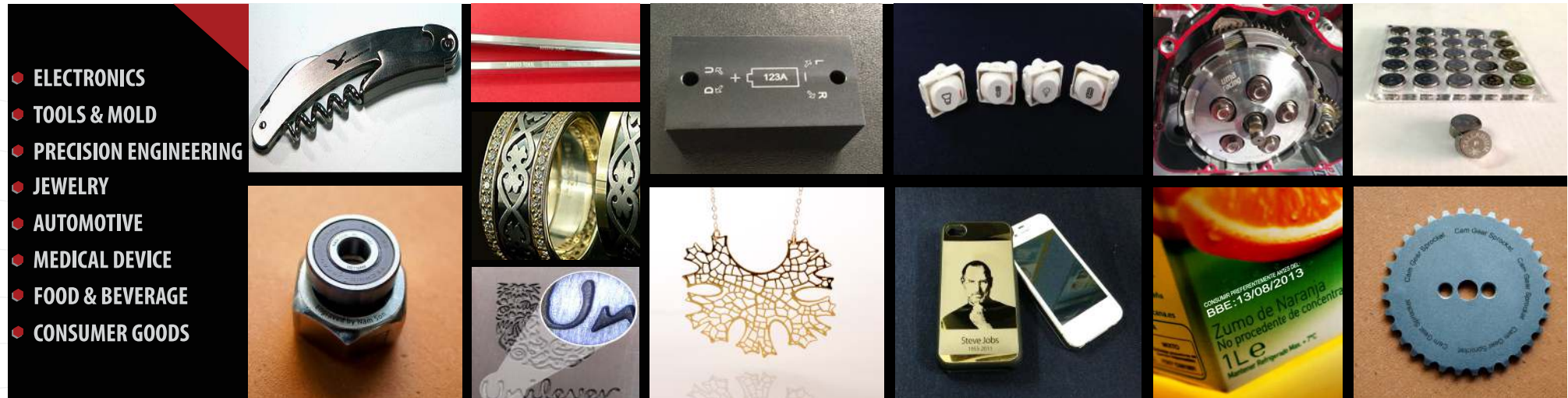
MADE IN VIETNAM



Powered by



◆ **Applications:** PowerMark F series



◆ **Technical Specifications:**

Laser source	Fiber laser Yb: fiber Integrated pilot laser 650nm/5mW
Wavelength	1064 nm ± 5 nm
Operating Principle	Pulse or CW
Type	RZ / HS / EZ
Power	10W - 70W
Frequency	1KHz - 1MHz
Beam Quality	S type: M2 ≤ 1.3 / Z type: M2 ≤ 1.6
Pulse width	3ns up to 1000ns
Pilot light	Integrated red dot pointer Integrated focal gauge pointer
Laser Safety class	Class 4, option Class 1

Controller	<ul style="list-style-type: none"> · Compact · USB connection · Simple and safe to use 		
Scanhead	<ul style="list-style-type: none"> · Raylase miniscan · Speed > 7 m/s (Optional higher speed) 		
Beam diameter	F-Theta 100 27 [µm]	F-Theta 160 43 [µm]	F-Theta 254 69 [µm]
Marking area	70x70 [mm x mm]	100x100 [mm x mm]	175x175 [mm x mm]
Cable length	2,1m (option 5m)		
Cooling	Space and power saving integrated air cooling.		
PC recommendation	CPU ≥ 2Ghz Ram: 2 GB OS: WindowXP, Window 7, Window 8 (32 - 64bit) Drives: CD/DVD PC-interfaces: 2 x USB 2.0		

PC interface	· USB 2.0
Integration signal	<ul style="list-style-type: none"> · Alarm signal · Input signal · 16 I/O signal · Mark on fly signal
Optional module	<ul style="list-style-type: none"> · On the fly marking module · Mark-from-memory module · Machine vision (TBD) · 3D Scanner · XY gantry working table · Rotary module
Power supply	220 - 240 VAC
Power consumption	Average 100w Max: 200w
Operating temperature	<ul style="list-style-type: none"> · Temperature: 15°C - 35°C · Humidity: 30% - 85% non-condense
Weight	45 Kg
Dimensions (LxWxH)	Controller box: 474mm x 404mm x 175mm Marking head: <ul style="list-style-type: none"> · 388mm x 94mm x 118mm (without stand) · 500mm x 300mm x 430mm (with stand)