

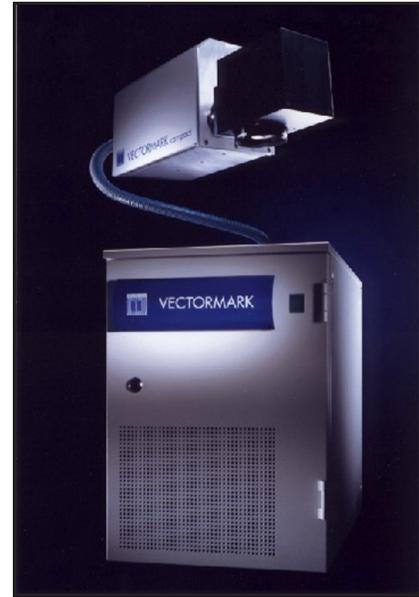
VectorMark® Compact Laser Marking System

The VectorMark compact is TRUMPF's brand name for its diode pumped laser marking systems within the VectorMark product family. The VectorMark compact offers many advantages over older flash lamp pumped technologies including:

- Significantly improved life of the laser and longer system up times by replacing flash lamps with long life diodes.
- Over 100 built in sensors monitoring more than 250 key system operating parameters for easy diagnostics and troubleshooting either locally or via modem through TRUMPF's global technical support network.
- The ability to easily acquire data via the VectorMark's open system architecture, mark your product with a unique code, and to upload a complete history of each part you make to your data base for the ultimate in product traceability.

Other unique features include:

- Compact size (typically 1/5th of the total volume and floor space required by older technologies)
- Single phase 115 VAC 20 A connection.
- Integrated cooling system
- Low cost of operation
- Excellent documentation, software, and operator training.
- Up to 2 1/2 times better mark resolution to convey your company's image of quality.
- The tightest specs in the industry for precision, accuracy, and mark repeatability.
- TRUMPF quality and durability



Included in Standard System:

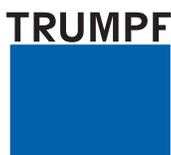
Laser resonator, mounting brackets, goniometers, RF power supply, PC, Monitor, keyboard, mouse, standard operating software, integrated cooling system, coaxial pilot laser, telediagnosics, full I/O capability

Technical Specifications

Laser device		VMc1	VMc2	VMc3
Wave length	[nm]	1064	532	1064
Pulse repetition frequency	[kHz]	cw, 1-60	1-20	cw, 1-60
Marking field size	[mm]	60x 60	60x 60	60x 60
(standard optical system)	[mm]	120x120	120x120	120x120
	[mm]	180x180	180x180	180x180
Standard spot size	[µm]	45	35	45

Connection, consumption and installation	VM compact
Electrical connection	115 VAC, 60 Hz, single phase, <2kW
PC operating system	Windows NT
Network connection	PC - Ethernet network interface card, 10/100 Mbit data transfer rate, RJ-45 connector
Protection: Beam source and supply unit	IP 54
Beam source: Dimensions L x W x H	[mm] 610 x 200 x 260 (VMc 3 300H)
Beam source: Weight	[kg / lbs] 25 kg / 55 lbs
Supply unit: Dimensions W x H x D	[mm] 440 x 640 x 710
Supply unit: Weight	[lbs] 220
Approximate shipping weight w/o workstation	[lbs] 550
Approximate shipping weight w/ workstation	[lbs] 1100
Maximum ambient operating temperature	[°F] 95

As a result of continuous efforts for improvement technical specifications are subject to change.



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