

PORTABLE AND MOBILE GENERATORS

MT

MAGMAN 1500/2000/3000/4000/6000/8000



DESCRIPTION

High current generators MAGMAN series are designed to generating of magnetic field for magnetic particle testing according GOST 21105, EN 1290, EN ISO 9934, ASTM E 1444, ASTM E 709, ASME Code V. 7 etc. to testing of welds, iron castings, forgings, and wrought parts. Switching of current by galvanic separated switch (optic). Outer switches can be switch in the handle of prod, footswitch or from stationary bench.

- Output voltage from 3,2 to 18,0 V
- Stepless current setting, TRMS digital measurement, for HW possibility of MagAmps value
- Manually switching or pulsating ≈ 1 sec. ON / 1 sec. OFF
- AC demagnetization as standard; „#“ marked types with reversing HWDC demagnetization
- Fluent start of current cca 150 ms (protection before electric stroke overloading)
- Constant Current Control

ACCESSORIES

- Hand prods, switch in the handle
- Exchangeable fusible tips
- Footswitch
- Cables 70 mm², 95 mm², 120 mm² or 150 mm² cross section
- HWDC demagnetization
- UV lamps
- Ganges
- Suspension
- Meters for intensity of magnetic field measurement
- UV meters and luxmeters.

PARAMETERS

Typ	AC *I _{rms} /I _{peak}	HWDC *I _{rms} /I _{peak}	**FWDC *I _{rms} /I _{peak}	Feeding	Power	Weight	Load	Cables length	Transport ***
MGM 15 A	1,1 / 1,5	---	---	230	3,6	24	95	2x 2,5	Přenosný
MGM 20 A	1,5 / 2,1	---	---	3x 400	6,4	32	150	2x 2,5	Přenosný
MGM 30 A	2,0 / 2,8	---	---	3x 400	12,8	62	2x 95	2x 2,5	Mobilní
MGM 40 A	3,0 / 4,2	---	---	3x 400	25	105	2x 120	2x 3,0	Mobilní
MGM 60 A	4,3 / 6,0	---	---	3x 400	50	160	4x 95	2x 4,0	Mobilní
MGM 80 A	5,7 / 8,0	---	---	3x 400	90	490	4x 120	2x 4,0	Mobilní
MGM 15 H	1,1 / 1,5	0,75/1,5	---	230	4,2	34	95	2x 2,5	Přenosný
MGM 20 H	1,5 / 2,1	1,0 / 2,0	---	3x 400	8,0	80	2x 70	2x 2,5	Mobilní
MGM 30 H	2,1 / 3,0	1,3 / 2,6	---	3x 400	12,8	85	2x 95	2x 2,5	Mobilní
MGM 40 H #	3,0 / 4,2	2,0 / 4,0	---	3x 400	25	165	2x 120	2x 3,0	Mobilní
MGM 60 H #	4,3 / 6,0	3,0 / 6,0	---	3x 400	50	285	4x 95	2x 4,0	Mobilní
MGM 80 H #	5,7 / 8,0	4,0 / 8,0	---	3x 400	120	580	4x 120	2x 4,0	Mobilní
MGM 40 F	2,7 / 3,8	---	3,2 / 4,5	3x 400	25	130	2x 120	2x 3,0	Mobilní

* Values I_{rms} are currents through shunt 4000 A/60 mV at cables loop length 5 m;

*** Mobile generators can be assembled at stationary distributors;

** Single phase FWDC;
AC + HWDC demagnetization

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