

## M-Press Systems (M) Sdn. Bhd. Industrial Microwave-, Plasma-, RF- and Control-Systems

### Magnetrons

We supply a wide range of high-quality Magnetrons from leading suppliers like Toshiba, Panasonic, Hitachi and California Tube Laboratories, with output frequencies of 915 MHz (896 and 922 MHz on request), 2450 MHz (2.45 GHz) and 5800 MHz (5.8 GHz), and an output power ranging from a few 100 W to 100 kW. Below you can find a list of Magnetrons available from us, if you require a Magnetron which is not listed here please contact us (Also note our [Magnetron related services](#) at the end of this page):

#### Magnetrons 915 MHz (L-band)



Type	f [MHz]	Po [W]	Cooling	Vf [V]	If [A]	Vap [kV]	Iam [mA]
CK147	915	5000	Water	10.0	35	6.5	1300
CK611	915	30000	Water	12.6	115	12.5	2800
CWM-30L	915	30000	Water	12.6	112	12.8	3000
CWM-60L	915	60000	Water	12.6	112	16.0	4500
CWM-75L	915	75000	Water	12.6	112	17.0	5000
CWM-100L	915	100000	Water	12.6	112	19.5	6000

#### Magnetrons 2450 MHz (S-band)



Type	f [MHz]	Po [W]	Cooling	Vf [V]	If [A]	Vap [kV]	Iam [mA]
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T0300-M23	2450	300	Air	3.6	10	3.0	150
2M167B	2450	900	Air	3.3	10	4.1	300
2M244	2450	1010	Air	3.15	10	4.35	320
E3394K	Discontinued, replacement type: 2M246-15GKH						
2M246-15GKH	2450	1030	Air	3.15	10.5	4.4	330
2M137	2450	1260	Air	4.4	14	4.5	400
2M121	2450	1450	Air	4.6	14	4.5	450
2M262	2450	1500	Air	4.4	14	4.5	480
2M130	2450	2000	Air	4.6	20	4.1	725
2M259-M10	2450	2030	Air	4.6	20	4.0	725
2M259-M12	2450	2030	Air	4.6	20	4.0	725
2M259WJ	2450	2030	Water	4.6	20	4.0	725
2M265	2450	3000	Air	4.0	22	5.1	840
2M265WJ	2450	3000	Water	4.0	22	5.1	840
2M266	2450	3000	Air	4.0	22	5.1	840
2M266WJ	2450	3000	Water	4.0	22	5.1	840
PM60-M10WJR	2450	6000	Water	5.0	29	7.5	1150
E3327	2450	6000	Water	5.0	33	7.2	1150
CK-619	2450	10000	Water	12.0	47	10.0	1600
CWM-15S	2450	15000	Water	9.5	50	12.2	1800
CWM-20S	2450	20000	Water	9.5	50	14.2	2100
CWM-30S	2450	30000	Water	11.5	58	16.1	2700

## Magnetrons 5800 MHz (C-band)



Type	f [MHz]	Po [W]	Cooling	Vf [V]	If [A]	Vap [kV]	Iam [mA]
M5801J	5800	800	Air	3.3	9.2	4.55	250

## Magnetrons customised



Type	f [MHz]	Po [W]	Cooling	Vf [V]	If [A]	Vap [kV]	Iam [mA]
MW-52030	2450	310	Air	3.3	10	3.0	150
MW-52030-002	2450	310	Air	3.3	10	3.0	150
MB2275A-110CZ	2450	900	Water		10		300
MB2340A-110CP	2450	1010	Water		10	4.35	320
MB2340A-140BW	2450	1010	Water		10	4.35	320
MB2340A-120DE	2450	1010	Water		10	4.35	320
MB2340A-110DE	2450	1010	Water		10	4.35	320
MB2422A-150DN	2450	1260	Water	4.4	14	4.5	400
MB2422A-110CF	2450	1260	Water	4.4	14	4.5	400
MB2422A-130CG	2450	1260	Water	4.4	14	4.5	400
MB2422A-150CF	2450	1260	Water	4.4	14	4.5	400
MB2422A-130CF	2450	1260	Water	4.4	14	4.5	400
MB2422A-120CF	2450	1260	Water	4.4	14	4.5	400
MB2422A-110DN	2450	1260	Water	4.4	14	4.5	400
MW-63194	2450	2050	Water	4.6	20	4.2	725
MW-63194B	2450	2030	Water	4.6	20	4	725
MB2568A-120DP	2450	2030	Water	4.6	20	4	725
MB2568A-110DA	2450	2030	Water	4.6	20	4	725
MB2568A-120CK	2450	2030	Water	4.6	20	4	725
MB2568A-120CH	2450	2030	Water	4.6	20	4	725
MB2568A-120CC	2450	2030	Water	4.6	20	4	725
MB2568A-130DK	2450	2030	Water	4.6	20	4	725
MB2568A-130DR	2450	2030	Water	4.6	20	4	725
MB2568A-110CK	2450	2030	Water	4.6	20	4	725
MB2568A-120EB	2450	2030	Water	4.6	20	4	725
MB2568A-120ED	2450	2030	Water	4.6	20	4	725
MB2567A-140CK	2450	2030	Water	4.6	20	4	725
MB2533A-120CJ	2450	2050	Water	4.6	20	4.2	725

MB2533A-120CL	2450	2050	Water	4.6	20	4.2	725
MB2533A-130CO	2450	2050	Water	4.6	20	4.2	725
MB2533A-110DG	2450	2050	Water	4.6	20	4.2	725
MB2533A-120DL	2450	2050	Water	4.6	20	4.2	725
MB2658A-120BM	2450	3000	Water	4	22	5.1	840
MB2658A-120CB	2450	3000	Water	4	22	5.1	840
MB2658A-120BL	2450	3000	Water	4	22	5.1	840
MB2658A-120DH	2450	3000	Water	4	22	5.1	840
MB2658A-120EL	2450	3000	Water	4	22	5.1	840
MB2658A-110EA	2450	3000	Water	4	22	5.1	840
MB2658A-120DB	2450	3000	Water	4	22	5.1	840
MB2658A-120DD	2450	3000	Water	4	22	5.1	840
MB2658A-120CR	2450	3000	Water	4	22	5.1	840
MB2658A-120DU	2450	3000	Water	4	22	5.1	840
MB2677A-120CA	2450	3000	Water	4	22	5.1	840
MB2677A-120DT	2450	3000	Water	4	22	5.1	840

## Magnetron related services



Besides supplying Magnetrons, we also offer the following additional services:

- Calibration of microwave generators and power supplies (Power feedback, anode current limitation, filament schedule, load / impedance matching etc.)
- Custom modification of Magnetrons (Special cooling arrangements, filament connections, additional electromagnets, demagnetising of permanent magnets, quick-change mountings etc.)
- Supply of replacement types for obsolete Magnetrons and modification of microwave generators, if required
- Magnetron rebuild (On selected Magnetrons only)
- Safety checks on microwave generators and equipment

Should you require Magnetrons or any of the related services please [contact us](#).

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