

• **R SERIES - HIGH FREQUENCY RF GENERATORS (1.7 – 40.68 MHz)**

Model	Power	Frequency	Cooling	Mounting	H x W x D
R301	300 W	13.56 MHz	Air	½ Rack	5.25" x 8" x 19"
R601	600 W	13.56 MHz	Air	½ Rack	7" x 8" x 18.5"
R1001	1000 W	13.56 MHz	Air	½ Rack	7" x 8" x 18.5"
R2001	2000 W	1.7 - 2.1 MHz	Water	19" Rack	7" x 17" x 23"

• **L SERIES - LOW FREQUENCY RF GENERATORS**

(ADDITIONAL FREQUENCIES AVAILABLE, CONSULT FACTORY)

Model	Power	Frequency	Cooling	Mounting	H x W x D
L301	300 W	350-460 KHz	Air	½ Rack	5.25" x 8" x 19"
L601	600 W	350-460 KHz	Air	½ Rack	7" x 8" x 18.5"
L1001	1000 W	350-460 KHz	Air	½ Rack	7" x 8" x 18.5"

• **HR SERIES – HIGH FREQUENCY RF GENERATORS (1.7 – 60 MHz)**

Model	Power	Frequency	Cooling	Mounting	H x W x D
M-125	125 W	13.56 MHz	Air	1/2 rack	3.25" x 8" x 10"
HR601	600 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR1001	1,000 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR1201	1,200 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR2001	2,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR2201	2,200 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR3001	3,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR4001	4,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR5001	5,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR6001	6,000 W	13.56 MHz	Water	19" Rack	7" x 17.2" x 29"
HR10,001	10,000 W	13.56 MHz	Water	19" Rack	8.25" x 17.2" x 29"
HR20,001	20,000 W	13.56 MHz	Water	19" Rack	29.75" x 17.2" x 34"

INTERFACE OPTIONS: GEN/MATCH: PROFIBUS, DEVICE NET, MODBUS, ETHERNET, ETHER CAT

• **AT SERIES - AUTOMATIC MATCHING NETWORKS (1.7 – 60 MHz),**

Model	Power	Rating	Cooling	Var. Caps.	H x W x D
AT-3	300 W	20 Amps, 2.5 KV	Air	Air/Air	* 5" X 9" X15"
AT-6	600 W	35 Amps, 4.5 KV	Water	Air/Vac.	* 5" X 9" X15"
AT-10	1000 W	50 Amps @ 9 KV	Air	Vac./Vac.	* 6" X 13.2" X 13.4"
AT-20	2000 W	65 Amps @ 9 KV	Water	Vac./Vac.	6" X 13.13" X 13.38"
AT-30	3000 W	75 Amps @ 9 KV	Water	Vac./Vac.	6" X 13.13" X 13.38"
AT-50/125	5000 W	120 Amps @ 6 KV	Water	Vac./Vac.	7.5" X 14.7" X 14.4"
AT-50/140	5-10 KW	140 Amps @ 6 KV	Water	Vac./Vac.	9.5" X 16.13" X 17"
AT-100/160	10-15 KW	160 Amps @ 6KV	Water	Vac./Vac.	Custom
AT150/180	15-20 KW	180 Amps @ 6KV	Water	Vac./Vac.	Custom
AT-250/250	15-30 KW	250 Amps @ 6KV	Water	Vac./Vac.	Custom

• **ATS SERIES - AUTOMATIC MATCHING NETWORKS (1.7 – 60 MHz),**

• **INPUT POWER: (24VDC @ 3 AMPS)**

Model	Power	Rating	Cooling	Var. Caps.	H x W x D
ATS-3	300 W	20 Amps @ 2.5 KV	Air	Air/Air	* 5" X 9" X15"
ATS-6	600 W	35 Amps @ 4.5 KV	Water	Air/Vac	* 5" X 9" X15"
ATS-10	1000 W	50 Amps @ 9 KV	Air	Vac/Vac	* 6" X 13.2" X 13.4"
ATS-20	2000 W	65 Amps @ 9 KV	Water	Vac/Vac	6" X 13.13" X 13.38"
ATS-30	3000 W	75 Amps @ 9 KV	Water	Vac/Vac	6" X 13.13" X 13.38"
ATS-50/125	5000 W	120 Amps @ 6 KV	Water	Vac/Vac	7.5" X 14.7" X 14.4"
ATS-50/140	5/10 KW	140 Amps @ 6 KV	Water	Vac/Vac	9.5" X 16.13" X 17"
ATS-100/160	10/15 KW	160 Amps @ 6KV	Water	Vac/Vac	Custom
ATS150/180	15-20 KW	180 Amps @ 6KV	Water	Vac/Vac	Custom
ATS200/250	15-30 KW	250 Amps @ 6KV	Water	Vac/Vac	Custom

NOTE: ATS SERIES INCORPORATE STEPPER MOTORS & INTERNAL MATCH CONTROLLER.

- **LOW COST TABLE TOP/BIAS AUTOMATIC MATCHING NETWORKS 3.56 MHz**

Model	Power	Frequency	Cooling	Description
PM-313	300W	13,56 MHz	air	Table Top / Bias applications
PMS-313	300W	13,56 MHz	air	Table Top / Bias applications
PM-613	600W	13,56 MHz	air	Table Top / Bias applications
PMS-613	600W	13,56 MHz	air	Table Top / Bias applications

- **LOW FREQUENCY MATCHING TRANSFORMERS (100 - 460 KHZ)**

Model	Power	Frequency	Taps	Description
MT-1U/D-6	1KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-1U/D-11	1KW	50 – 460 kHz	11	Step Up/Down, 11 Pos.
MT-3U/D-6	3KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-3U/D-11	3KW	50 – 460 kHz	11	Step Up/Down, 11 Pos.
MT-5U/D-6	5KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-10U/D-6	10KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.

- **I SERIES GENERATORS (27.12 - 40.68 MHz)**

Model	Power	Rating	Cooling	Mounting	H x W x D
I2000 WC	2000 W	27.12 MHz	Water	Rack Mount	5.22 x 19 x 17.8 (in)
I2000 AC	2000 W	27.12 MHz	Air	Rack Mount	8.75 x 19 x 19 (in)
I1600 AC	1600 W	40.68 MHz	Air	Modular	8.75 x 19 x 19 (in)
I1601 AC	1600 W	27.12 MHz	Air/Water	Modular	7 x 8.75 x 18 (cm)

- **IM SERIES AUTOMATIC MATCHING NETWORKS (27.12 - 40.68 MHz)**

Model	Power	Frequency	Cooling	Description
IM2027	2000W	27.12 MHz	air	For inductive applications
IM1640	1600W	40.68 MHz	air	For inductive applications

- **ACCESSORIES**

Model	Power	Frequency	Cooling	Mounting	Description
MC2	110/220 Volts AC	N/A	Air	External	Match Controller for At Series Matching Network
MCRS/PCRS	110/220 volts AC	N/A	Air	External	Remote Control for ATS Match & HR Generator - W/O Display.
DCP-1	3KV	All	N/A	Internal	DC Probe Match Option
RFP-1	3KV	All	N/A	Internal	RF Probe Match Option
I-Probe	3KV	All	N/A	Internal	Current Probe Match Option
PD-1	All	All	N/A	Internal	Pulse Detector Match Option
DMO (4 & 16 Channel)	110/220 Volts AC	13-60 MHz	Air	External	Digital Master Oscillator with internal phase shifters.
PS-1	N/A	13-60 MHz	air	External or Internal	0 – 360 Degree Phase Shifter

• **R SERIES - HIGH FREQUENCY RF GENERATORS (1.7 – 40.68 MHz)**

Model	Power	Frequency	Cooling	Mounting	H x W x D
R301	300 W	13.56 MHz	Air	½ Rack	5.25" x 8" x 19"
R601	600 W	13.56 MHz	Air	½ Rack	7" x 8" x 18.5"
R1001	1000 W	13.56 MHz	Air	½ Rack	7" x 8" x 18.5"
R2001	2000 W	1.7 - 2.1 MHz	Water	19" Rack	7" x 17" x 23"

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(ADDITIONAL FREQUENCIES AVAILABLE, CONSULT FACTORY)

Model	Power	Frequency	Cooling	Mounting	H x W x D
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L1001	1000 W	350-460 KHz	Air	½ Rack	7" x 8" x 18.5"

• **HR SERIES – HIGH FREQUENCY RF GENERATORS (1.7 – 60 MHz)**

Model	Power	Frequency	Cooling	Mounting	H x W x D
M-125	125 W	13.56 MHz	Air	1/2 rack	3.25" x 8" x 10"
HR601	600 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR1001	1,000 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR1201	1,200 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR2001	2,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR2201	2,200 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR3001	3,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR4001	4,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR5001	5,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR6001	6,000 W	13.56 MHz	Water	19" Rack	7" x 17.2" x 29"
HR10,001	10,000 W	13.56 MHz	Water	19" Rack	8.25" x 17.2" x 29"
HR20,001	20,000 W	13.56 MHz	Water	19" Rack	29.75" x 17.2" x 34"

INTERFACE OPTIONS: GEN/MATCH: PROFIBUS, DEVICE NET, MODBUS, ETHERNET, ETHER CAT

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Model	Power	Rating	Cooling	Var. Caps.	H x W x D
AT-3	300 W	20 Amps, 2.5 KV	Air	Air/Air	* 5" X 9" X15"
AT-6	600 W	35 Amps, 4.5 KV	Water	Air/Vac.	* 5" X 9" X15"
AT-10	1000 W	50 Amps @ 9 KV	Air	Vac./Vac.	* 6" X 13.2" X 13.4"
AT-20	2000 W	65 Amps @ 9 KV	Water	Vac./Vac.	6" X 13.13" X 13.38"
AT-30	3000 W	75 Amps @ 9 KV	Water	Vac./Vac.	6" X 13.13" X 13.38"
AT-50/125	5000 W	120 Amps @ 6 KV	Water	Vac./Vac.	7.5" X 14.7" X 14.4"
AT-50/140	5-10 KW	140 Amps @ 6 KV	Water	Vac./Vac.	9.5" X 16.13" X 17"
AT-100/160	10-15 KW	160 Amps @ 6KV	Water	Vac./Vac.	Custom
AT150/180	15-20 KW	180 Amps @ 6KV	Water	Vac./Vac.	Custom
AT-250/250	15-30 KW	250 Amps @ 6KV	Water	Vac./Vac.	Custom

• **ATS SERIES - AUTOMATIC MATCHING NETWORKS (1.7 – 60 MHz),**

• **INPUT POWER: (24VDC @ 3 AMPS)**

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ATS-20	2000 W	65 Amps @ 9 KV	Water	Vac/Vac	6" X 13.13" X 13.38"
ATS-30	3000 W	75 Amps @ 9 KV	Water	Vac/Vac	6" X 13.13" X 13.38"
ATS-50/125	5000 W	120 Amps @ 6 KV	Water	Vac/Vac	7.5" X 14.7" X 14.4"
ATS-50/140	5/10 KW	140 Amps @ 6 KV	Water	Vac/Vac	9.5" X 16.13" X 17"
ATS-100/160	10/15 KW	160 Amps @ 6KV	Water	Vac/Vac	Custom
ATS150/180	15-20 KW	180 Amps @ 6KV	Water	Vac/Vac	Custom
ATS200/250	15-30 KW	250 Amps @ 6KV	Water	Vac/Vac	Custom

NOTE: ATS SERIES INCORPORATE STEPPER MOTORS & INTERNAL MATCH CONTROLLER.

- **LOW COST TABLE TOP/BIAS AUTOMATIC MATCHING NETWORKS 3.56 MHz**

Model	Power	Frequency	Cooling	Description
PM-313	300W	13,56 MHz	air	Table Top / Bias applications
PMS-313	300W	13,56 MHz	air	Table Top / Bias applications
PM-613	600W	13,56 MHz	air	Table Top / Bias applications
PMS-613	600W	13,56 MHz	air	Table Top / Bias applications

- **LOW FREQUENCY MATCHING TRANSFORMERS (100 - 460 KHZ)**

Model	Power	Frequency	Taps	Description
MT-1U/D-6	1KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-1U/D-11	1KW	50 – 460 kHz	11	Step Up/Down, 11 Pos.
MT-3U/D-6	3KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-3U/D-11	3KW	50 – 460 kHz	11	Step Up/Down, 11 Pos.
MT-5U/D-6	5KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-10U/D-6	10KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.

- **I SERIES GENERATORS (27.12 - 40.68 MHz)**

Model	Power	Rating	Cooling	Mounting	H x W x D
I2000 WC	2000 W	27.12 MHz	Water	Rack Mount	5.22 x 19 x 17.8 (in)
I2000 AC	2000 W	27.12 MHz	Air	Rack Mount	8.75 x 19 x 19 (in)
I1600 AC	1600 W	40.68 MHz	Air	Modular	8.75 x 19 x 19 (in)
I1601 AC	1600 W	27.12 MHz	Air/Water	Modular	7 x 8.75 x 18 (cm)

- **IM SERIES AUTOMATIC MATCHING NETWORKS (27.12 - 40.68 MHz)**

Model	Power	Frequency	Cooling	Description
IM2027	2000W	27.12 MHz	air	For inductive applications
IM1640	1600W	40.68 MHz	air	For inductive applications

- **ACCESSORIES**

Model	Power	Frequency	Cooling	Mounting	Description
MC2	110/220 Volts AC	N/A	Air	External	Match Controller for At Series Matching Network
MCRS/PCRS	110/220 volts AC	N/A	Air	External	Remote Control for ATS Match & HR Generator - W/O Display.
DCP-1	3KV	All	N/A	Internal	DC Probe Match Option
RFP-1	3KV	All	N/A	Internal	RF Probe Match Option
I-Probe	3KV	All	N/A	Internal	Current Probe Match Option
PD-1	All	All	N/A	Internal	Pulse Detector Match Option
DMO (4 & 16 Channel)	110/220 Volts AC	13-60 MHz	Air	External	Digital Master Oscillator with internal phase shifters.
PS-1	N/A	13-60 MHz	air	External or Internal	0 – 360 Degree Phase Shifter

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Model	Power	Frequency	Cooling	Mounting	H x W x D
R301	300 W	13.56 MHz	Air	½ Rack	5.25" x 8" x 19"
R601	600 W	13.56 MHz	Air	½ Rack	7" x 8" x 18.5"
R1001	1000 W	13.56 MHz	Air	½ Rack	7" x 8" x 18.5"
R2001	2000 W	1.7 - 2.1 MHz	Water	19" Rack	7" x 17" x 23"

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(ADDITIONAL FREQUENCIES AVAILABLE, CONSULT FACTORY)

Model	Power	Frequency	Cooling	Mounting	H x W x D
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HR601	600 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR1001	1,000 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR1201	1,200 W	13.56 MHz	Air	1/2 Rack	5.25" x 8" x 19"
HR2001	2,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR2201	2,200 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR3001	3,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR4001	4,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR5001	5,000 W	13.56 MHz	Water	1/2 Rack	7" x 8" x 22"
HR6001	6,000 W	13.56 MHz	Water	19" Rack	7" x 17.2" x 29"
HR10,001	10,000 W	13.56 MHz	Water	19" Rack	8.25" x 17.2" x 29"
HR20,001	20,000 W	13.56 MHz	Water	19" Rack	29.75" x 17.2" x 34"

INTERFACE OPTIONS: GEN/MATCH: PROFIBUS, DEVICE NET, MODBUS, ETHERNET, ETHER CAT

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AT-10	1000 W	50 Amps @ 9 KV	Air	Vac./Vac.	* 6" X 13.2" X 13.4"
AT-20	2000 W	65 Amps @ 9 KV	Water	Vac./Vac.	6" X 13.13" X 13.38"
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AT-50/125	5000 W	120 Amps @ 6 KV	Water	Vac./Vac.	7.5" X 14.7" X 14.4"
AT-50/140	5-10 KW	140 Amps @ 6 KV	Water	Vac./Vac.	9.5" X 16.13" X 17"
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HR6001	6,000 W	13.56 MHz	Water	19" Rack	7" x 17.2" x 29"
HR10,001	10,000 W	13.56 MHz	Water	19" Rack	8.25" x 17.2" x 29"
HR20,001	20,000 W	13.56 MHz	Water	19" Rack	29.75" x 17.2" x 34"

INTERFACE OPTIONS: GEN/MATCH: PROFIBUS, DEVICE NET, MODBUS, ETHERNET, ETHER CAT

• **AT SERIES - AUTOMATIC MATCHING NETWORKS (1.7 – 60 MHz),**

Model	Power	Rating	Cooling	Var. Caps.	H x W x D
AT-3	300 W	20 Amps, 2.5 KV	Air	Air/Air	* 5" X 9" X15"
AT-6	600 W	35 Amps, 4.5 KV	Water	Air/Vac.	* 5" X 9" X15"
AT-10	1000 W	50 Amps @ 9 KV	Air	Vac./Vac.	* 6" X 13.2" X 13.4"
AT-20	2000 W	65 Amps @ 9 KV	Water	Vac./Vac.	6" X 13.13" X 13.38"
AT-30	3000 W	75 Amps @ 9 KV	Water	Vac./Vac.	6" X 13.13" X 13.38"
AT-50/125	5000 W	120 Amps @ 6 KV	Water	Vac./Vac.	7.5" X 14.7" X 14.4"
AT-50/140	5-10 KW	140 Amps @ 6 KV	Water	Vac./Vac.	9.5" X 16.13" X 17"
AT-100/160	10-15 KW	160 Amps @ 6KV	Water	Vac./Vac.	Custom
AT150/180	15-20 KW	180 Amps @ 6KV	Water	Vac./Vac.	Custom
AT-250/250	15-30 KW	250 Amps @ 6KV	Water	Vac./Vac.	Custom

• **ATS SERIES - AUTOMATIC MATCHING NETWORKS (1.7 – 60 MHz),**

• **INPUT POWER: (24VDC @ 3 AMPS)**

Model	Power	Rating	Cooling	Var. Caps.	H x W x D
ATS-3	300 W	20 Amps @ 2.5 KV	Air	Air/Air	* 5" X 9" X15"
ATS-6	600 W	35 Amps @ 4.5 KV	Water	Air/Vac	* 5" X 9" X15"
ATS-10	1000 W	50 Amps @ 9 KV	Air	Vac/Vac	* 6" X 13.2" X 13.4"
ATS-20	2000 W	65 Amps @ 9 KV	Water	Vac/Vac	6" X 13.13" X 13.38"
ATS-30	3000 W	75 Amps @ 9 KV	Water	Vac/Vac	6" X 13.13" X 13.38"
ATS-50/125	5000 W	120 Amps @ 6 KV	Water	Vac/Vac	7.5" X 14.7" X 14.4"
ATS-50/140	5/10 KW	140 Amps @ 6 KV	Water	Vac/Vac	9.5" X 16.13" X 17"
ATS-100/160	10/15 KW	160 Amps @ 6KV	Water	Vac/Vac	Custom
ATS150/180	15-20 KW	180 Amps @ 6KV	Water	Vac/Vac	Custom
ATS200/250	15-30 KW	250 Amps @ 6KV	Water	Vac/Vac	Custom

NOTE: ATS SERIES INCORPORATE STEPPER MOTORS & INTERNAL MATCH CONTROLLER.

- **LOW COST TABLE TOP/BIAS AUTOMATIC MATCHING NETWORKS 3.56 MHz**

Model	Power	Frequency	Cooling	Description
PM-313	300W	13,56 MHz	air	Table Top / Bias applications
PMS-313	300W	13,56 MHz	air	Table Top / Bias applications
PM-613	600W	13,56 MHz	air	Table Top / Bias applications
PMS-613	600W	13,56 MHz	air	Table Top / Bias applications

- **LOW FREQUENCY MATCHING TRANSFORMERS (100 - 460 KHZ)**

Model	Power	Frequency	Taps	Description
MT-1U/D-6	1KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-1U/D-11	1KW	50 – 460 kHz	11	Step Up/Down, 11 Pos.
MT-3U/D-6	3KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-3U/D-11	3KW	50 – 460 kHz	11	Step Up/Down, 11 Pos.
MT-5U/D-6	5KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.
MT-10U/D-6	10KW	50 – 460 kHz	6	Step Up/Down, 6 Pos.

- **I SERIES GENERATORS (27.12 - 40.68 MHz)**

Model	Power	Rating	Cooling	Mounting	H x W x D
I2000 WC	2000 W	27.12 MHz	Water	Rack Mount	5.22 x 19 x 17.8 (in)
I2000 AC	2000 W	27.12 MHz	Air	Rack Mount	8.75 x 19 x 19 (in)
I1600 AC	1600 W	40.68 MHz	Air	Modular	8.75 x 19 x 19 (in)
I1601 AC	1600 W	27.12 MHz	Air/Water	Modular	7 x 8.75 x 18 (cm)

- **IM SERIES AUTOMATIC MATCHING NETWORKS (27.12 - 40.68 MHz)**

Model	Power	Frequency	Cooling	Description
IM2027	2000W	27.12 MHz	air	For inductive applications
IM1640	1600W	40.68 MHz	air	For inductive applications

- **ACCESSORIES**

Model	Power	Frequency	Cooling	Mounting	Description
MC2	110/220 Volts AC	N/A	Air	External	Match Controller for At Series Matching Network
MCRS/PCRS	110/220 volts AC	N/A	Air	External	Remote Control for ATS Match & HR Generator - W/O Display.
DCP-1	3KV	All	N/A	Internal	DC Probe Match Option
RFP-1	3KV	All	N/A	Internal	RF Probe Match Option
I-Probe	3KV	All	N/A	Internal	Current Probe Match Option
PD-1	All	All	N/A	Internal	Pulse Detector Match Option
DMO (4 & 16 Channel)	110/220 Volts AC	13-60 MHz	Air	External	Digital Master Oscillator with internal phase shifters.
PS-1	N/A	13-60 MHz	air	External or Internal	0 – 360 Degree Phase Shifter