

## GVN VRK VRK-M1 SERIES

SINGLE PHASE VARIAC TESTER  
0,5-15KVA

It allows to set the desired voltage automatically by manual or servo motor in the setting range determined according to customer request. The variac, which is contained therein, is formed by winding a single envelope enamelled copper wire on toroidal sheet.

The variac provides all the load that provides power and voltage regulation. Using the MSC-7203 multimeter mounted on the variac box, the input voltage, the output voltage and the drawn amperage can be seen instantaneously. In addition, the MSC-7203 multimeter automatically records the highest and lowest values of the instantaneous values and can reset it as desired.

- Optionally : the controle module "MSC-7203 + Wi-Fi" is available.

- Output Voltage Range: 0-250V.
- Input Voltage: 220v.
- Full Function Multimeters.
- Record the highest and lowest values seen.
- Reset information.
- Input output voltage and amperage calibration.
- Voltage range from 0 to 250 Volt wide (in single phase).
- Terminal or output socket.
- Simple operation with plug-in cable at input.
- Breaker for protection.
- High efficiency quiet operation.
- Manual or automatic adjustment.
- Good quality, ergonomic structure, easy carrying apparatus.
- Production in accordance with ISO 9001: 2015 and CE Standards.
- Top Level Reliability.
- Easy to Use.



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## TECHNICAL SPECIFICATIONS

MODEL: GVN-VRK M1	M1-1	M1-1,5	M1-2	M1-2,5	M1-3,5	M1-4,5	M1-5	M1-6,5	M1-7,5	M1-10	M1-12,5	M1-15
Power kVA	1	1,5	2	2,5	3,5	4,5	5	6,5	7,5	10	12,5	15
<b>INPUT</b>												
Nominal Input Voltage	220VAC											
Operating Frequency	>47.....64 <											
Input Protection	Overcurrent Protection (Standard)											
<b>OUTPUT</b>												
Output Voltage	0-250 V											
Overload	10 Seconds at 200% load											
Output Waveform	Same as Input											
Secondary A. (0 ≤ 220)	4,55	6,82	9,09	11,36	15,91	20,45	22,73	29,55	34,09	45,45	56,82	68,18
Secondary A. (220 ≤ 250)	4,00	6,00	8,00	10,00	14,00	18,00	20,00	26,00	30,00	40,00	50,00	60,00
<b>OPERATING PRINCIPLES</b>												
	Manual											
<b>GENERAL</b>												
Cooling	Natural Cooling / Fan Optional											
Measuring Display	Full Function Multimeter (Input Voltage, Output Voltage, Current, Frequency, Load Percentage, Maximum voltage value at input, Minimum voltage value at input, Maximum current value at input It can be controlled remotely via DVR-M1 + Wi-Fi controlled multimeter.											
Continuous working time at full load	0..105%.											
Continuous load <105%	< 7 /24											
Yield under load.	>98%											
<b>ENVIRONMENTAL</b>												
Operating ambient temperature	O> -40 °C <+ 55°C											
Storage temperature	O> -25 °C <+ 60°C											
Ambient temperature +25 ° C Relative Humidity.	< 96 %											
Working height	<3000m 3 km											
Protection Class	IP 21 Other Options											
Acoustic Level	-50 dB (1m)											
Instruments	CE / ISO 9001											
<b>DIMENSIONS</b>												
WxDxH (cm)	23 x 27 x 43						50 x 59 x 35					
Weight (kg)	13	16	17	20	23	27	28	51	55	63	80	88