

MAIN SUBJECT: **LASER Welder by OROTIG**

TEST PURPOSES : **24 hours non-stop Working Session Test**

TEST CONDITIONS : **230Vac Electrical Power Supply**

MEASURE INSTRUMENT : **NO INSTRUMENT REQUIRED**

The purpose of this test is to identify the limit conditions to have a 24 hours non-stop working session with the following equipments.

All the tests are done under the same environmental conditions and the test room temperature is 25°C to 33°C, as described in the report charts below.

The following parameters can be used, under the same environmental conditions, to gain a 24h non-stop working session using the related equipment.

The REVOs LASER Welder is not included in this chart because the 24h non-stop working session is the main feature of the equipment itself and in granted, under the same environmental conditions, with any parameter.

LASER mod. EVO / 125

Power [KW]	Time [ms]	Frequency [HZ]	Room Temp. [°C]
2.5	1.5	5	33
4.8	1	4	33
3	2	3	25
3	2	3	33
3.5	2	2	33
4	3	1	30

LASER mod. StudioPlus / 60

Power [KW]	Time [ms]	Frequency [HZ]	Room Temp. [°C]
4	1	4	31
2.5	2	3	25
2.5	2	3	30
4	3	1	33

LASER mod. EVO / 100

Power [KW]	Time [ms]	Frequency [HZ]	Room Temp. [°C]
2.5	1.5	5	33
4.8	1	4	33
2.5	3	3	25
2.5	2.5	3	33
3	3	2	31
4.8	3	1	25
4.8	3.5	1	33

LASER mod. Mark-UNO / 7500

Power [KW]	Time [ms]	Frequency [HZ]	Room Temp. [°C]
3	2	5	33
4.5	1.5	4	30
4	3	3	25
3	3	3	33
4	3	2	31
5.2	4.5	1	30

Date:

11/04/2012

Test Engineer:

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Check Engineer:

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