

Performance Test Cyber Ho 100

Model of the system: **CYBER HO 100**

Serial Number: **CYH 2520-1121**

Fiber Policy:	A X	B	C	D
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Number of the lamps shots:	L1	L2	L3
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P/N + S/N charger: P/N S/N

P/N + S/N dischargers lamp 1: P/N S/N

P/N + S/N dischargers lamp 2: P/N S/N

P/N + S/N dischargers lamp 3: P/N S/N

Optical Test (with user autoadjust on)

Fiber	Settings Hz / J	Power on the system display	Power read on the power meter	Lamp 1 (us)	Lamp 2 (us)	Lamp 3 (us)
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Short Pulse (Master Pulse 0)

365	30Hz / 3.5J	105W	104W	589	627	570
365	35Hz / 0.9J	31.5W	31.4W	314	323	308
365	80Hz / 0.2J	16W	16W	260	272	258
200	35Hz / 0.9J	31.5W	31.3W	310	321	303
200	60Hz / 0.5J	30W	29W	282	290	280

Medium Pulse (Master Pulse 3)

365	30Hz / 3.4J	102W	100W	1156	1252	1111
365	35Hz / 0.9J	31.5W	31.3W	532	604	576
200	35Hz / 0.9J	31.5W	31.6W	576	600	573
200	60Hz / 0.5J	30W	29W	508	534	509

Long Pulse (Master Pulse 6)

365	30Hz / 3.3J	99W	93W	1250	1382	1202
365	35Hz / 0.9J	31.5W	31.4W	909	942	892
200	35Hz / 0.9J	31.5W	31.2W	891	937	875
200	60Hz / 0.5J	30W 24W	23.8W	139	133	143

Long run test (10 minutes lasering in continuous short pulse)

200	35Hz / 0.9J	Temperature of the fiber jack	cold ☐	warm ☐	hot ☐
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Tested By: Jorge	Surname: FERNANDEZ	Signature: 	Date: 5/10/2023
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