



MFSC 300W-500W

使用手册

版权说明

“ ”

引 语

MFSC

MFSC 300W~500W

公司简介

2004

<http://www.maxphotonics.com>



:
: <http://www.maxphotonics.com>
: 400-900-9588
: +86-755-36869377
: info@maxphotonics.com

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第一章 特性说明

MFSC

1060nm~1100nm






>30%

MFSC

Class 4

第二章 安全信息

1 -

MFSC

1060nm ~1100 nm

2 -

1.

2.

LaserVision USA Kentek Corporation Rochwell Laser Industries

3-

EN IEC 61000-6-4:2019

CISPR 16-2-1

CISPR 16-2-3

EN IEC 61000-6-2:2019

EN 61000-4-2:2009

EN 61000-4-3:2020

EN 61000-4-4:2012

EN 61000-4-5:2014+A1:2017

EN 61000-4-6:2014

EN 61000-4-11:2020

EN 60825-1:2014+A11:2021

CDRH 21 CFR 1040.10

EN 60204-1:2018

	MFSC		CE EMC	
" EMC Directive"		EMC		
		MFSC	Class 4	
1	8		Class 4	EN 60825-
		4 -		
1.				

2.

MFSC

3.

1

2

3

4

5

6

7

8

9

10

11

4.

1

2

3

4

240VAC

5

6

7

200-

200-240VAC

5.

1

2

0

5-

Laser Institute of America(LIA)

13501 Ingenuity Drive, Suite 128

Orlando,Florida 32826

Phone:407 380 1553,Fax: 407 380 5588

Toll Free:1 800 34 LASER

American National Standards Institute

ANSI Z136.1, American National Standard for the Safe Use of Lasers

(Available through LIA)

International Electro-technical Commission

IEC 60825-1, Edition 1.2

Center for Devices and Radiological Health

21 CFR 1040.10 - Performance Standards for Light-Emitting Products

US Department of Labor - OSHA

Publication 8-1.7 - Guidelines for Laser Safety and Hazard Assessment.

Laser Safety Equipment

Laurin Publishing

Laser safety equipment and Buyer's Guides

第三章 产品描述

1-

MFSC

1

2

3

4

5

1

2

2-

6

27

3-

MFSC-300W	300W
MFSC-500W	500W

4-

5-



(OFF/ON)	
(EMERGENCY STOP)	
(START)	
ALARM	
ACTIVE	
POWER	

6-



CTRL	
RS232	RS232
AC220	200-240VAC
POWER	200-240VAC
WATER OUT	
WATER IN	
OPTICAL OUTPUT	

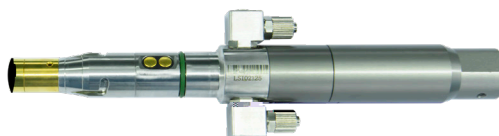
7- 光输出端子

1.

6.4

QBH

QBH



第四章 详细规格

1-

1		/				
2						
3	MFSC-300W	100%		300		W
	MFSC-500W	100%		500		W
4			10		100	%
5		100%	1070	1080	1090	nm
6	3dB	100%		3	5	nm
7		100%	>1h	± 1	± 1.5	%
8		100%	>24h	± 2	± 3	%
9	M ²	20μm-QBH			1.3	
	BPP	50μm-QBH			1.5	mm x mrad
10		10% 90%		50	80	μs
11		90% 10%		30	50	μs
12		100%			20	KHz
13		100%	150			μW
14				10		m
15			50 14 20 25 30			μm
			100			
16			200			mm
17		QBH				

2-

1			200	220	240	VAC
2	MFSC-300W	100%			1.2	KW
	MFSC-500W	100%			2	KW
3			10	25	40	
4			10		85	%
5						
6			-10		60	
7	482.6*625*133 W*D*H					mm
8	35± 2					kg

3-

1			
2		30	30
		26	22
3		3	
4	MFSC-300W	6	
	MFSC-500W	8	
5	MFSC-300W	1.0	
	MFSC-500W	1.5	

40

26

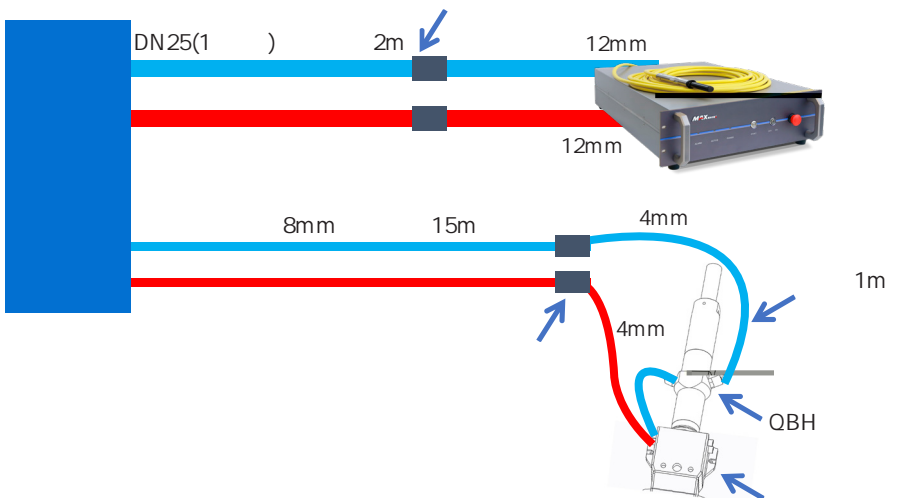
p 0.5bar

0

4-QBH

		L/min	bar	
	* = 6* 4	2	4	28-30

8mm 15m ;
 QBH 6 1m ;
 QBH ;
 p 1.5bar



5-

1

1000

2

10 - 40

3

10% - 85%

4

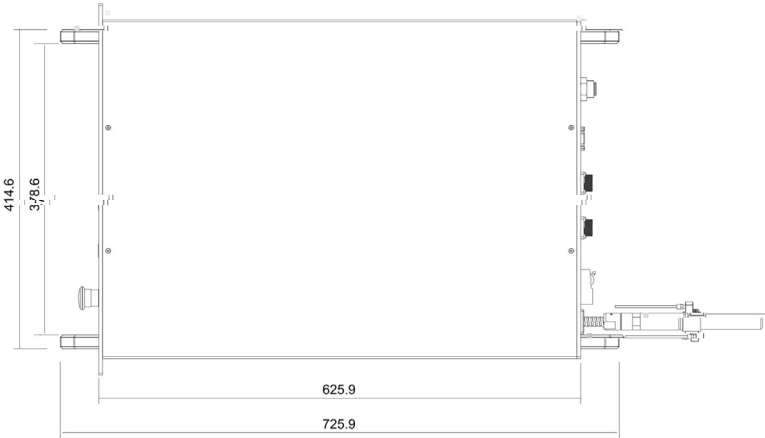
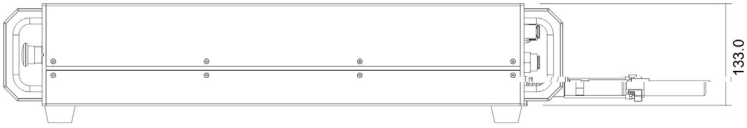
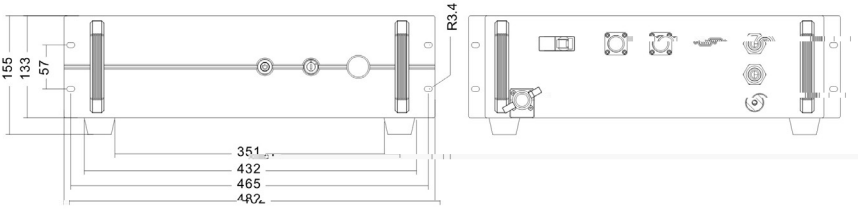
环境湿度、相对湿度、露点对照表											
[Redacted content]											

30

70%

6-

mm



第五章 拆装指南

1-

1

2

3

>200mm

4

5

6

2-

	MFSC-300W/500W	W	1
200-240VAC	3		1
	3.5		1
USB RS232	(UNITEK) Y-108		1
RS232	RS232		1
			2
			4
QBH	6x4mm		1
	12x10mm		1

第六章 使用指南

1-

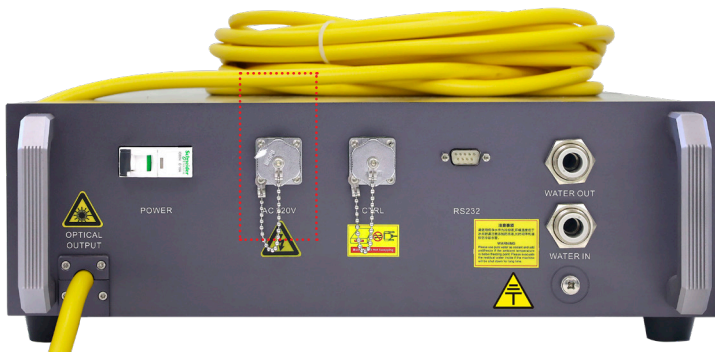
4

2

2-

20A

4



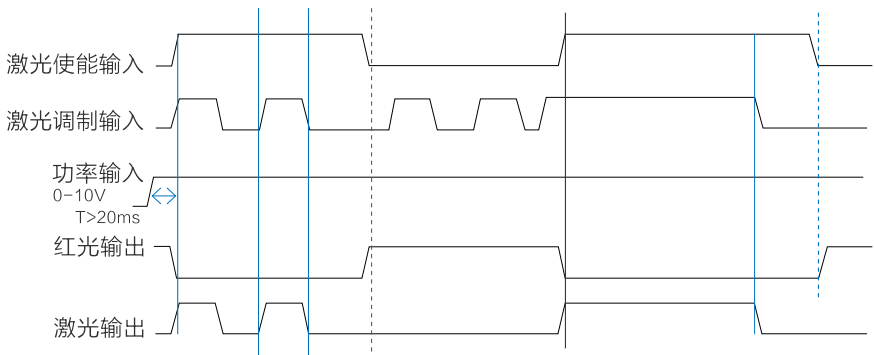
3-

CTRL

12P

CTRL

CTRL			
1		+	HIGH:20VDC V 24VDC LOW:0VDC V 5VDC 5mA I 15mA
2		-	
3		+	HIGH:20VDC V 24VDC LOW:0VDC V 5VDC 5mA I 15mA
4		-	
5		+	HIGH:20VDC V 24VDC LOW:0VDC V 5VDC 5mA I 15mA
6		-	
7		DA 0-10V +	1V-10% 10V-100%
8		DA 0-10V -	
9		1	ON- OFF- V 30VDC, I 100mA
10		2	
11		NC	
12		NC	



4- 光纤连接器检查和清洁指南

1.

1

2

3

>99.5%

4

5

6

99.5%

2.

1

" OFF "

2

3

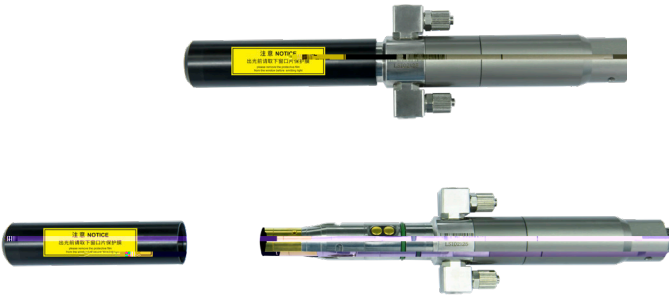
20

4

5

6

7



5-

1

2

3

4

5

6

7

" ON"

START

6-

1

2 O-10V

START

7-

1 U



NET46-x86-x64-AllIOS-ENU



FiberLaser_G2_Series (1.0.0.11) 客户版

2 " NET46-x86-x64-AllIOS-ENU.exe" .NET

3 " FiberLaser_G2_Series 1.0.0.11 .rar"

D

名称	修改日期	类型	大小
Application Data	2018/11/1 11:14	文件夹	
0x0409	2014/10/1 10:41	配置设置	22 KB
Maxphotonics FiberLaser G2-Series	2018/11/1 11:11	Windows Install...	1,477 KB
setup	2018/11/1 11:11	应用程序	1,263 KB
Setup	2018/11/1 11:11	配置设置	6 KB

4 " setup.exe"



5



6

PC



8-

1			
2			
3			
4			
5			
6			200-240VAC
7		QBH	QBH QBH QBH

第七章 服务与维修

1-

2-

400-900-9588

第八章 保修声明

1-

2-

1
2
3
4
5
6