



MAB 440 High Power Blue

QCW Lasers



- ◆ 4-10W Output
- ◆ Low Divergence, High Stability
- ◆ Diode pumped, Q-Switched, Water-Cooled

System Specifications		MAB 440 -4	MAB 440 -10
Wavelength		440nm	440nm
Output Power		4 W	10 W
Pulse Width		100-300ns	100-300ns
Repetition Rate		5-20KHz	5-20KHz
Spatial mode		Near TEM ₀₀	Near TEM ₀₀
Beam Diameter ¹		3.0 mm	3.0 mm
Beam divergence ²		<2.0 mrad	<3.0 mrad
M ² factor		M ² ≤ 3.0	M ² ≤ 5.0
Power stability ³		5% @ 4 hours	5% @ 4 hours
Point stability ⁴		<0.05mrad	<0.05mrad
Polarization ratio		>100:1	>100:1
Warm-up time		5minutes	5minutes
Expected lifetime		10000 hours	10000 hours
Warranty time		1 year	1 year
Operating temperature		10-35°C	10-35°C
Power supply		200-260VAC	200-260VAC
Power Consumption		600W	1000W
Dimensions (L×W×H)	Laser Head	600×200×120mm	600×200×120mm
	Power Supply	420×500×240mm	420×500×240mm
Weights	Laser Head	10Kg	10Kg
	Power Supply	30Kg	30Kg

Note:

All performance specifications guaranteed at specified output power only.

1 1/e² at exit port.

2 Full-angle divergence.

3 Measured over 4 hours after 15 minute warm-up.

4 Measured as far-field x and y positions over a 25°C to 35°C temperature change.

440nm

QCW Blue Lasers

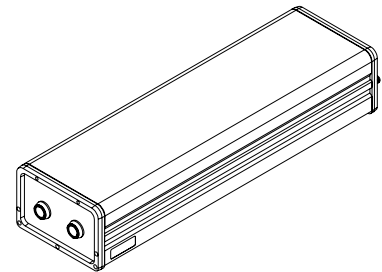
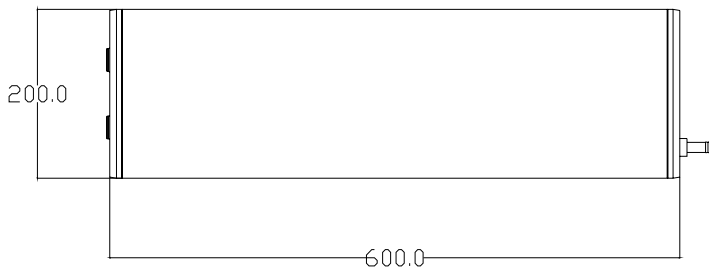
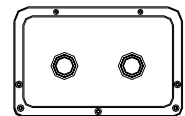
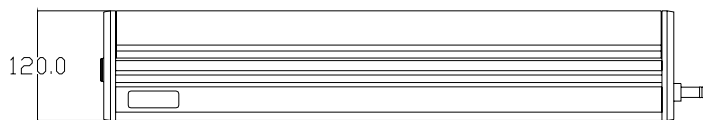


Beijing ZK Laser Co., Ltd is a sophisticated industry entity which takes the high power, multi- wave lengths solid state lasers as its main products. It researches, evelopments its products unceasingly.

This 440 nm Blue MAB Q-Switched Laser is diode pumped laser using all solid state construction , compacted , rugged air-cooled an geometry.

This is made features of ultra compact, long lifetime, low cost and easy to operate, which is used in Collimation,Laser display, Optics instrument, Laser lighting show, Laser medical treatment, Scientific experimentation, etc.

Laser Head



ZK LASER®

All Dimensions are in mm

Beijing ZK Laser Co., Ltd

Address:26 Dongbeiwang South Road,Haidian District,Beijing,China

Tel: +86-10-62964766

Fax: +86-10-62974734

E-mail : sales@zklaser.com

Website: www.zklaser.com

ZK Laser follows a policy of continuous product improvement. Specifications are subject to change without notice.

ZK Laser offers a limited warranty for all MAB™ systems. For full details on warranty coverage, please refer to the Service and Support section at www.zklaser.com, or contact your local Sales or Service Representative.

