

## BD-12KW-HD-MET-DO

High power laser beam dumps for up to 12000 W.



### PRODUCT FAMILY KEY FEATURES

#### EASY-TO-USE

Just plug the water-cooling and you're done!

#### 2 MODELS TO CHOOSE FROM

- 4 kW: BD-4KW-HE
- 12 kW: BD-12KW-HD

#### VERY LARGE APERTURE

The round aperture of 100 mm in diameter accommodates even the largest beams

#### HIGH DAMAGE THRESHOLDS

#### ISOLATION TUBE IN OPTION

It is possible to add an isolation tube to reduce back reflections

#### COMPATIBLE STAND

[STAND-S-443-C](#)

## SPECIFICATIONS

### WATER REQUIREMENTS

Required cooling flow	(6 - 10) LPM
Temperature range	(15 - 25) °C

### DAMAGE THRESHOLDS

Maximum average power density <sup>1</sup>	16 kW/cm <sup>2</sup>
Maximum average power (continuous)	12000 W
Maximum average power (2 minutes)	12000 W

1. At 1064 nm, 1.07-1.08 μm and 10.6 μm. May vary with wavelength and average power.

### PHYSICAL CHARACTERISTICS

Aperture diameter	100 mm
Absorber	HD
Dimensions	127H x 127W x 70D mm
Weight	3.3 kg
Back reflections	10-15%

### ORDERING INFORMATION

BD-12KW-HD-MET-DO	202938M
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Specifications are subject to change without notice. Refer to the user manual for complete specifications.

## INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at [gentec-eo.com/contact-us](http://gentec-eo.com/contact-us)