



LASER BEAM DUMPS



- **Beam Dumps From 1 To 1,000 Watts**
- **Use With Any Laser Type and All Laser Wavelengths**
- **Non-Reflective, Matte Black Coating**
- **Stands Can be Mounted To Wall Or Optical Table**

Our beam dumps cover a broad spectrum of laser applications and handle them all with unparalleled safety. LC beam dumps are available in air-cooled and water-cooled configurations. Choose from several sizes, with or without a stand.

CHOOSING THE RIGHT BEAM DUMP

Always choose a beam dump designed to handle the maximum expected power. All LC beam dumps are designed to not reflect the beam outward, even if the black coating is damaged.

Continuous Wave Lasers - A water-cooled beam dump is suggested for output in excess of 50 Watts.

Pulsed Lasers - Base your selection on average power. For example, if energy per pulse is 4.5 Joules and the pulsed repetition rate is 100, estimate average power by multiplying the single shot energy by the repetition rate: $4.5 \times 100 = 45$ Watts.

Q-switched Lasers - Long exposure to the beam may damage the reflective coating. However, LC beam dumps are designed to capture and hold laser beams even in the absence of the coating.



CHOOSE FROM WATER-COOLED OR AIR-COOLED CONFIGURATIONS

ORDERING INFORMATION				
	<i>Aperture</i>	<i>Capacity</i>	<i>Description</i>	<i>Order #</i>
	0.75"	0 - 50 Watts	0.75" Beam Dump Stand and Adjustable Post	LC- ABD-0.75
	0.75"	0 - 50 Watts	0.75" Beam Dump No Post	LC-ABD-0.75NP
	2"	0 - 50 Watts	2" Beam Dump Stand and Adjustable Post	LC- ABD-2
	2"	0 - 50 Watts	2" Beam Dump No Post	LC- ABD-2NP
	2"	0 - 1,000 Watts	2" Beam Dump, Water-cooled, Stand and Adjustable Post	LC- ABD-2C
	2"	0 - 1,000 Watts	2" Beam Dump, Water-cooled No Post	LC- ABD-2CNP
	4"	0 - 1,000 Watts	4" Beam Dump, Water-cooled Stand and Adjustable Post	LC- ABD-4C
	4"	0 - 1,000 Watts	4" Beam Dump, Water-cooled No Post	LC- ABD-4CNP