

TRAP-IT™



TRAP-IT™ beam dumps brought to you exclusively by Kentek. Our beam dumps cover a broad spectrum of laser applications and handle them all with unparalleled safety.

TRAP-IT™ beam dumps are available in air-cooled and water-cooled configurations.

Choose from several sizes, with or without a stand

- 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

Choosing the Right Beam Dump

Always choose a beam dump designed to handle the maximum expected power.

All TRAP-IT™ beam dumps are designed not to 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, TRAP-IT™ beam dumps are designed to capture and hold laser beams even in the absence of the coating.



For help choosing between water-cooled or air-cooled configurations please call us.

TRAP-IT™ Ordering Information

	Aperture	Capacity	Description	Order Number
	0.75"	0 – 50 Watts	0.75" Convection-cooled with stand and adjustable post.	ABD-0.75
			As above, no post.	ABD-0.75NP
	2"	0 – 50 Watts	2" Convection-cooled with stand and adjustable post	ABD-2
			As above, no post.	ABD-2NP
	2"	0 – 1,000 Watts	2" Water-cooled with stand and adjustable post.	ABD-2C
			As above, no post.	ABD-2CNP
	4"	0 – 1,000 Watts	4" Water-cooled with stand and adjustable post.	ABD-4C
			As above, no post.	ABD-4CNP
	6"	0 – 1,000 Watts	6" Water-cooled with stand and adjustable post.	ABD-6C

TRAP-IT™ Accessories

KEN-ABD-FO-KIT



Fibre Optic Connector Mount and Adapter Kit for 0.75" Series

KEN-ABD-FO-



Fibre Optic Connector Mount and Adapter Kit - specify aperture

KEN-ABD-V-



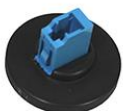
View-It Alignment Ring – specify aperture

KEN-ABD-FC



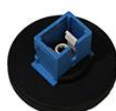
Adapter for FC Fibre Optic Connector

KEN-ABD-LC



Adapter for LC Fibre Optic Connector

KEN-ABD-SC



Adapter for SC Fibre Optic Connector

KEN-ABD-SMA



Adapter for SC Fibre Optic Connector

KEN-ABD-SMA



Adapter for ST Fibre Optic Connector