

Ultrafast Crystal Mounts (Series 530, 535 and 551/552)

These cells typically house thin crystals.

The cells are windowless and the crystal, typically, has a protective coating.

The 530-041, 530-081, and 530-141 have a 1" snout for easy holding in 1" mirror mounts.

The 535-040 and 535-080 mounts are inexpensive, 1"-diameter plastic discs to which a crystal can be bonded.

The 551 and 552 are post mounts that are used in the INRAD 5-050 Ultrafast Tripler.

Crystal Cells for Ultrafast Mixing			
Model	Aperture	Description	Notes
530-041	4 mm	Crystal Cell, without windows, for housing 5 x 5 mm crystals up to 5 mm thick	Used in INRAD 5-14B, BX, LD and LDX Autocorrelators
530-081	8 mm	Crystal Cell, without windows, for housing 10 x 10 mm crystals up to 5 mm thick	Used in INRAD 5-14B, BX, LD and LDX Autocorrelators
530-141	14 mm	Crystal Cell, without windows, for housing 15 x 15 mm crystals up to 5 mm thick	
535-040	4 mm	Crystal Cell, lucite, without windows, for housing 5 x 5 mm crystals up to 5 mm thick	
535-080	8 mm	Crystal Cell, lucite, without windows, for housing 10 x 10 mm crystals up to 5 mm thick	
551	4 mm	Post mount, no windows, holds 5 x 5 x up to 5 mm crystals	Long post, used for SHG crystals in 5-050
552	4 mm	Post mount, no windows, holds 5 x 5 x up to 5 mm crystals	Short post, used for THG crystals in 5-050