

74-ACH

Adjustable Collimating Lens Holder

Installation and Operation Instructions

Description

The 74-ACH Adjustable Collimating Lens Holder is a versatile assembly for mounting lenses at multiple positions. It is especially useful for transmission measurements of large or thick samples not easily accommodated by other sampling optics such as our FHS-UV and FHS-VIS In-line Filter Holders.



Application Tips

- The 74-ACH consists of an anodized aluminum base and adjustable mount bars.
- Each bar has four 3/8-24 threaded holes, spaced 2.54 cm (1") apart starting 2.54 cm (1") from the top of the bar, to accommodate collimating lenses.
- The bars can be adjusted on the base by loosening two 10-32 threaded set screws with a 0.40 cm (5/32") hex-head wrench (not included).
- The bars can be set far enough apart to accept samples up to ~10 cm (3.94") thick.
- The base is scored at 1/2 cm (0.20") intervals as a path length guide.

Specifications

Assembly material: Base Mount bars	Blue anodized aluminum Black anodized aluminum
Dimensions: Base Mount bars Assembly	7.62 cm(3") x 15.24 cm (6") x 0.64 cm (1/4") 2.54 cm (1") wide x 0.76 cm (0.3") thick 15.24 cm (6") height
Threads: mount bars set screws for mount bars	Accept 3/3-24 threads 10-32 threads
Measurement bar:	Has 0.5 cm (0.20") gradations as path length measurement guide. Total length is 10 cm (3.94").