

Capabilities



vytran® Ultrasonic Fiber Cleaner

Thorlabs' Vytran® USC2 Ultrasonic Fiber Cleaner is designed for volume processing of bare fiber. The cleaner's default nest supports Ø125 µm - Ø600 µm fiber and can be exchanged for other nests for compatibility with a variety of fiber holders; each nest is sold separately. Repeatable cleaning parameters are easily set with a knurled adjuster for immersion depth and adjustment knobs for sonication intensity and duration. These controls are visible in the rear view shown below.

Tilting the dunking jig submerges the fiber in the tank and initiates the ultrasonic cleaning process. The ultrasonic agitation ceases after the chosen cleaning duration. The height of the fiber holder above the solvent tank can be changed over a 0.5" (12.7 mm) range using the knurled adjuster on the side of the dunking jig. Fully loosening the knurled adjuster (raising the fiber holder) disengages the installed fiber nest, allowing it to be swapped out for another fiber holder nest. Each cleaner is shipped with a bare fiber nest installed in the dunking jig. Nests for Vytran, Fujikura®, and Fitel® fiber holders are sold separately.

Accessories are available for the Vytran fiber nest to support a wider range of usage scenarios, including spacers for recessing inserts farther from the solvent tank and a clamp for non-magnetic bottom inserts.



USC2NVT



USC2NFJ



USC2NFT

Fiber Holder Nests



USC2

Ultrasonic Fiber Cleaner with Bare Fiber Holder Nest

Features

- ♦ Easy-to-Adjust Immersion Depth, Cleaning Duration, and Power Level
- ♦ Bare Fiber Nest with Magnetic Clamp Included with Ultrasonic Fiber Cleaner
- ♦ Compatible Solvents: Isopropanol (Isopropyl Alcohol)
- ♦ Spout for Easy Fluid Disposal
- ♦ Slotted Shield for Reduced Solvent Evaporation
- ♦ Interchangeable Fiber Holder Nests Sold Separately



Rear View
Showing Controls

*Fujikura® is a registered trademark of Fujikura Ltd.

*Fitel® is a registered trademark of Furukawa Electric Co., Ltd.