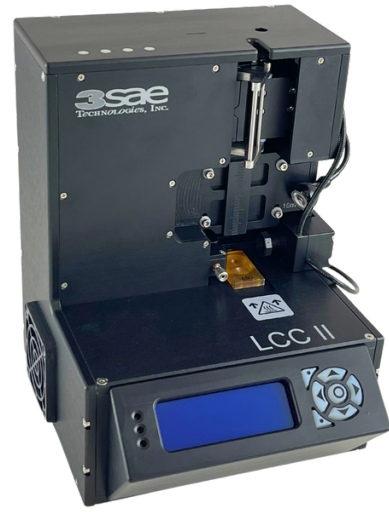


3SAE LIQUID CLAMP CLEAVER II-S LDF (LCC II-S)



The 3SAE Liquid Clamp Cleaver II-S LDF (LCC II-S) is the most advanced large diameter fiber cleaver for circular and shaped optical fibers from 125 μm to 1000 μm .

The primary cause of bad cleave angles is torsional strain in the fiber, induced by torque from conventional clamps. Our patented process features a torque-free clamping system, which uses a proprietary metal alloy ingot that melts at less than the boiling point of water. This is a lead-free, cadmium-free alloy ingot specially formulated to solidify around the optical fiber when cooled, providing torque-free clamping, even on non-round fibers such as Octagonal shape. The alloy ingot is depleted with use and can be easily replaced. These unique alloy ingots are available exclusively from 3SAE Technologies.

The LCC II-S optionally leverages an integrated manual backstop within the cleaver housing that provides enhanced cleave performance for structured fibers. Alignment of the blade, backstop, and fiber is achieved via the integrated vision system (requires PC USB connection). In addition to the best cleave quality obtainable, the on-board LCD provides real-time status and instructs the operator in the proper loading and cleaving sequence. The LCC II-S operates stand alone featuring ten customizable cleaving programs, allowing efficient transitions between different fiber diameters.

Key Features: Liquid Clamp Cleaver II-S LDF (LCC II-S)

- Cleave fibers up to 1 mm in diameter
- Circular and shaped fiber cladding compatible
- Lowest mean cleave angles available
- Lowest standard deviation available
- Fiber holder compatible (16mm)
- Extended blade life
- Integrated vision system for blade, backstop and fiber alignment
- Stores up to 10 programs
- PC USB connection required for integrated vision system

Standard Package

| Part Number | Product | Includes |
|-------------|---|---|
| CLV-01-0015 | 3SAE Liquid Clamp Cleaver II-S LDF (LCC II-S) | Includes power supply, USB camera, qty (1) ea - 125-350um/350-650um/650-850um/850-1100um fiber guide cones, 16mm fiber holder adapter, qty (2) spare LCC ingots (0.3 oz), measuring gauge, electronic user's manual, Manufacturer's 1-year parts and labor warranty |

Accessories and Consumables

| Part Number | Product |
|-------------|---|
| ACC-01-0308 | LCC II 125-350um Fiber Guide Cone |
| ACC-01-0309 | LCC II 350-650um Fiber Guide Cone |
| ACC-01-0310 | LCC II 650-850um Fiber Guide Cone |
| ACC-01-0314 | LCC II 850-1100um Fiber Guide Cone |
| ACC-01-0129 | LCC II Fiber Holder Adapter Plate (Fitel/Fujikura 16mm F/H) |
| ACC-01-0141 | Power Supply 150W/12V (LCC/PWS) |
| CON-01-0005 | LCC II Ingot (0.3 oz) (Pack of 10) |
| CON-10-0023 | Diamond Tip Replacement Blade (CMS/LCC/LDS) |

Technical Specifications

| Feature | Specification |
|----------------------|---|
| Dimensions | 188 (W) x 165 (D) x 245 (H) mm |
| Weight | 8 kg |
| Power Source | Input: 100 - 240 VAC, 50/60 Hz Output: 12VDC, 12.5 A |
| Fiber Dimensions | 125 μm to 1000 μm |
| PC Interface- Camera | USB 2.0, Type A |