

ProCleave™ LD II

AUTOMATIC FIBER CLEAVER FOR LARGE DIAMETER FIBERS

The ProCleave LD II is an automatic and highly advanced fiber cleaver for large diameter fibers up to 550 μm . The cleaver is specifically designed for use in production lines where ease-of-use, process speed and a high production yield is crucial. The cleaver is at the same time well suited for R&D environments.

ProCleave LD II generates very flat end-faces and low cleave angles (typical $<0.5^\circ$) with a high repeatability.

To achieve optimal cleave performance and consistency all crucial parameters are automatically monitored and controlled.

The ProCleave LD II has an unique and universal clamping mechanism which is self adjusting to the fiber diameter applied, no external parts or accessories are required.

The ProCleave LD II can be programmed with four different cleave programs, easily selectable by the touch panel.

The ProCleave LD II is powered from an external power supply or the built in rechargeable battery.



Key Features

- Automated cleave process for optimal cleave quality and repeatability
- Universal fiber clamping mechanism
- Designed for fiber cladding diameters from 125 to 550
- Low cleave angles with very flat end faces, typical $<0.5^\circ$
- Can be powered with battery or external power supply
- Available platforms that support Fujikura, Fitel, 3SAE, or use without fiber holders

Technical Specifications

Dimensions:	150(W) x 90(D) x 60(H) mm 150(W) x 90(D) x 80(H) mm (incl. lever)
Weight:	1.1 kg
Power Source:	Built in rechargeable Li-Ion battery or external power supply (100 - 240 V AC, 50/60 Hz)
Supported fiber cladding:	125 - 550 μm
Supported fiber coating:	250 - 900 μm

Product	Part #	Qty
NorthLab ProCleave LD II	CL-01-01000	
Standard Package		
Power Supply	CL-90-90002	1
Fitel/Fujikura Fiber Holder Platform	CL-01-01001	1
Bare Fiber Adaptor *	CL-01-01002	1
Tool Kit	CL-01-01004	1
User's Manual (pdf)	N/A	1
Optional Components		
Spare Diamond Blade	CL-90-90001	

* Recommended for bare fiber usage. To be placed in the Fitel/Fujikura Fiber Holder Platform (CL-01-01001).

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