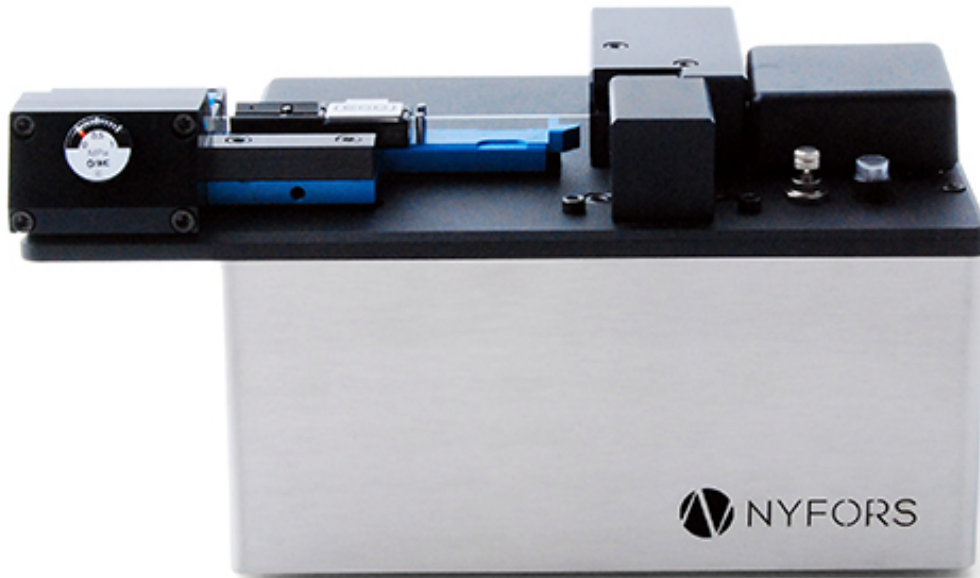




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# AUTOCLEAVER LDF-M™

## Description

The AUTOCLEAVER LDF-M™ is a high precision fiber cleaver designed for cleaving of standard to large diameter fibers (LDF) in production and laboratory environments. It provides outstanding cleaving performance on fibers with cladding diameters from 80 µm up to more than 600 µm. A unique and patent pending cleaving process generates typical cleave angles below 0.3 degrees with smooth, high quality end faces, free from surface defects such as hackles, mist and chips. Easily exchanged fiber handling accessories ensures optimum cleaving performance for particular fiber dimensions.

The built-in microprocessor controls all parameters and settings such as clamping, tension and the exact position and speed of the diamond blade. The close control of sensitive parameters guarantees a high cleaving repeatability and accuracy. This, in combination with the high degree of automation, makes the AUTOCLEAVER LDF-M™ ideally suited for volume production applications where speed and consistency of results are required. It features a long lasting diamond blade and can be used with fiber holders from the major splicer manufacturers.

The cleaver is designed to generate a minimum amount of fiber waste, typically less than 20 mm. An automatic waste disposal system removes any hazardous fiber scraps. The cleaver can be connected to an external PC that gives access to all programmable parameters and settings. The

## Short facts

- Fully automatic
- Low cleaving angles < 0.3 degrees
- Very flat end faces
- Operator independent
- Designed for production and laboratory environments
- Automatic fiber waste collection
- Long-lasting diamond life
- PC controllable

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## Automatic fiber cleaving

- ANGLE CLEAVING UNIT™
- AUTOCLEAVER LDA™
- AUTOCLEAVER LDF-M™
- AUTOCLEAVER LDF™
- AUTOCLEAVER S1™
- AUTOCLEAVER S2™
- AUTOCLEAVER™

AUTOCLEAVER LDF-M™ comes in a small bench top design.

### Technical data

Cladding diameter	80-600 µm
Coating diameter	160-1500µm
Cleave angle	Typical < 0.3 degrees
Fiber waste length	Typical < 20mm, automatic disposal
Power supply**	External 12 V DC, 15 W
Compressed air supply	External compressor*, 6-8 bar, 4 mm instant push-in fitting
PC Interface	RS-232
Dimensions	175 mm (W) x 138 mm (D) x 104 mm (H)
Weight	2.5 kg

\* Not included in delivery.

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