

AUTOCLEAVER

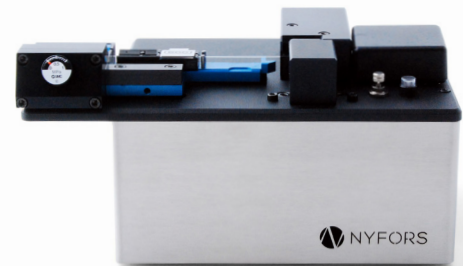
LDF-M™

AUTOCLEAVER

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High precision mid-span optical fiber cleaver

- Fully automatic
- Standard and large diameter capability (80 to 600µm)
- Low cleave angles < 0.30 degrees
- Designed for production and laboratory environments
- Operator skill independent and easy to use
- Automatic waste fiber collection
- Long-lasting diamond blade



This fully automatic optical fiber cleaver is designed for fast and flexible fiber processing in factory and laboratory environments. Easily interchangeable fiber handling parts enable high precision cleaving of different fibers in the range from 80 µm up to 600 µm cladding diameter with industry leading repeatability and consistency.

Loading and operating the cleaver is conveniently done in a few simple steps. The automated cleaving process gives a cycle time of less than ten seconds with full operator skill independence. The platform supports fiber holders from the leading splicer manufacturers and the cleaved fiber can directly be transferred to the splicer with no risk of accidentally touching or damaging the bare fiber.

This makes the AUTOCLEAVER LDF-M™ ideally suited for demanding production applications where high quality cleaving of both standard and large diameter fibers is required.

It comes in a small ergonomic bench top design and the open interface facilitates integration into automated production systems.



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 116 mm (H)
Weight	2.5 kg

NYFORS part number: 50100099