

# AUROCLEAVER

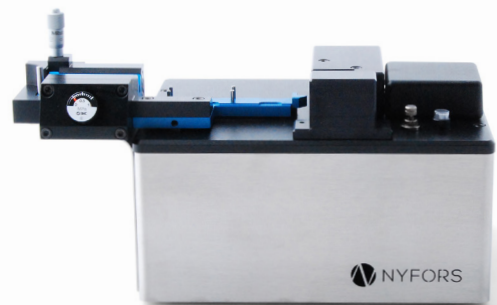
## LDA™

# AUTOCLEAVER

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Large diameter variable angle cleaver

- Variable angle cleaving 0 to < 15 degrees
- Large diameter fiber capability (230 to 800 µm)
- Designed for production and laboratory environments
- Operator skill independent and easy to use
- Automatic waste fiber collection
- Long-lasting diamond blade



The AUTOCLEAVER LDA™ is an automatic system for precision cleaving of circular large diameter fibers (LDF). It is designed to provide both perpendicular and angled cleaving capability on fibers ranging from 230 up to more than 800 µm in diameter.

The cleave angle is set using a micrometer screw positioner allowing the operator to quickly adjust the cleaver for different cleave angles. The patent pending cleaving process and close control of sensitive cleaving parameters, such as tension and the exact position and speed of the diamond blade, ensures consistent high quality cleaving results with <0.5 degree precision.

When used for non-perpendicular cleaving, the system can be set to produce variable 0 to < 9 degree (for 250 µm clad-ded fibers) and up to more than 15 degree (for cladding diameters above 450-500 µm) cleave angles with industry leading consistency and repeatability.

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. It comes in a small ergonomic bench top design for use on a production or laboratory work bench.



### TECHNICAL DATA

Cladding diameter	230-800+ µm
Coating diameter	250-1000 µm
Cleave angle	0 to >15 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

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