

## Nyfors - AutoCleaver<sup>LDF</sup>



The AutoCleaver LDF is a high precision fibre cleaver, designed for cleaving of Large Diameter Fibres up to 1000um. An unique and patentpending cleaving process generates typical cleave angles of less than 0.5°.

The built in microprocessor controls all vital parameters and settings, such as fibre alignment, clamping, fibre tension and the exact position and speed of the diamond blade. This control of sensitive parameters guarantees a high cleaving repeatability and accuracy.

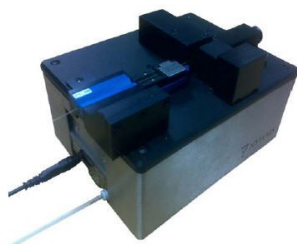
Cleaving performance is enhanced by the use of fibre handling kits that are optimised for a specific fibre dimension. The fibre is held in place by an external fibre holder that is used on the splicer to be used. The cleaver is designed to generate minimum amounts of fibre waste, typically less than 20mm. An automatic waste disposal system removes any hazardous fibre scraps.

The cleaver can be connected to an external PC, that gives access to all programmable parameters and settings.

The AutoCleaver LDF has a small bench top design.

### Features

- Low cleave angles, <math><0.50^\circ</math>
- Minimal hackle
- Minimal diamond intrusion
- Fully automatic
- Operator independent
- Waste fibre deposition
- Long life with durable blade



SPECIFICATIONS	
Fibre Cladding	250-1000um
Fibre Coating	300-1500um
Cleave Angle	Typical <math><0.5^\circ</math>
Power Source	External Power Supply 90 - 264V
Compressed Air	External compressor or air bottle, 6 Bar of pressure with a 4mm instant push-in fitting
PC Connection	RS-232
Dimensions (L x W x D)	175(W) x 138(D) x 104(H) mm
CE Conformity	Fully complies with all EC equipment guidelines according to the CE Declaration of Conformity



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