



## AutoClever

The AutoClever is a fully automatic, ultra high precision fiber cleaver with a typical cleave angle of less than 0.3°. Designed for industrial applications where high accuracy, reliability and production yield are required, the AutoClever has a built-in microprocessor which controls all vital parameters and settings such as fiber positioning, clamping, fiber tension and the exact position and speed of the diamond blade. The cleaver can be connected to an external PC from which all programmable parameters and settings can be accessed.

The AutoClever has a diamond blade with an extensive life, generating typically more than 26,000 cleaves per blade. With interchangeable adapters to fit all commercially available fiber holders, the AutoClever's adapter is easily adjustable for desired cleave lengths and the automatic fiber waste disposal system removes any hazardous fiber scraps.

The AutoClever comes in a small bench top design, workbench-mountable or ready to be integrated into different subsystems.

### Features

- Fully automatic
- Low cleave angles of < 0.3°
- Very flat end faces
- Designed for production environment
- Waste fiber deposition
- Long diamond life of > 26,000
- PC controllable

### Specifications

PARAMETER	VALUE
Fiber Cladding	80-230 μm*
Fiber Coating	160 - 900 μm*
Cleave Angle	Typical < 0.3°
Cycle Time	Typical < 12 sec
# of Cleaves/Blade	>30,000
Fiber Waste	Typical < 20 mm
Power Supply	External 12V DC
Compressed Air	External Compressor**, 6 bar, 4 mm instant push-in fitting
PC Connection	RS-232
Dimensions	175 mm (W) x 138 mm (D) x 104 mm (H)
Weight	1.4 kg

\* Fiber specific handling kits required

\*\* Not included in delivery

### Ordering Information

DESCRIPTION	AFL NO.
AutoClever with Power Supply and Cord (Includes: V-groove and Height Adjuster for 125 μm fiber, PC software, RS-232 cable, Adapter Plate FJK, AC STD, manual and tools)	50100014

### Accessories

DESCRIPTION	AFL NO.
Adaptor Plate FJK, AC STD	50100010
V-groove, STD, Cla 80 μm (Blue)	50100089
V-groove, STD, Cla 125-199 μm (Yellow)	50100085
V-groove, STD, Cla 200-349 μm (Orange)	50100086
Height Adjuster STD, Cla 80 μm (Blue)	50100052
Height Adjuster STD, Cla 125-159 μm (Yellow)	50100046
Height Adjuster STD, Cla 160-199 μm (Blank/Grey)	50100047
Height Adjuster STD, Cla 200-349 μm (Orange)	50100048
Diamond blade	50100091
Cleaver Blade Replacement Tool	50100032
Power Supply, 100-240V, 1.25A	50100075
Adapter for Power Supply, US	50100009

