



AutoCleaver S1

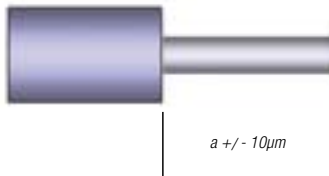
When a specific and accurate bare fiber length is required, the AutoCleaver S1 provides the perfect cleave every time. Sensing the edge of the coating and adjusting the bare fiber length according to the customers' specifications, the AutoCleaver S1 cleaves 80µm and 125µm fibers automatically. Cleave angles are typically under 0.3° with excellent end face quality.

A built-in microprocessor controls all the 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, enabling access to all programmable parameters and settings.

The AutoCleaver S1 is available in a small bench top design, workbench-mountable or ready to be integrated into different sub-systems.

Features

- Fully automatic
- Low cleave angles of < 0.3°
- Very flat end faces
- Designed for production environment
- Waste fiber deposition
- Long diamond life
- Available for 80 or 125µm fibers
- PC controllable



Specifications

PARAMETER	VALUE
Fiber Cladding	80 - 140µm*
Fiber Coating	160 - 400µm*
Cleave Angle	Typical < 0.3°
# of Cleave/Blade	> 26,000
Fiber Waste	Typical < 20mm
Power Supply	External 12V DC
Compressed Air	External Compressor**, 6 bar 4mm instant push-in fitting
PC connection	RS-232
Dimensions	175mm (W) x 138mm (D) x 104mm (H)
Weight	1.4kg

* Fiber specific handling kits required
** Not included in delivery

Ordering Information

PART NO.	DESCRIPTION
50200000-US	AutoCleaver S1 with Power Supply and Cord
Misc. Accessories	
51030010	V-Groove, STD, Cla. 80µm
51030020	V-Groove, STD, Cla. 125-199µm
51040010	Height Adj. STD, Cla. 80µm
51040020	Height Adj. STD Cla. 125-159µm
50000010	Diamond blade
50000050	Cleaver Blade Replacement Tool
50100240	Power Supply, 100-240V, 1.25A
50100241	Adapter for Power Supply, US

