



AUTOCLEAVER™ series	AUTOCLEAVER™	AUTOCLEAVER LDF-M™	AUTOCLEAVER LDF™	AUTOCLEAVER LDA™	AUTOCLEAVER S1™	AUTOCLEAVER S2™	MINICLEAVER™	Angle Cleaving Unit™
Cladding diameter	80 - 230 µm	80 - 600 µm	230 - 1000 µm	230 - 800+ µm	80 µm or 125 µm	80 - 600 µm or 230 - 1000 µm	125 - 400 µm	230 - 800+ µm
Coating diameter	160 - 900 µm	160 - 1500 µm	250 - 1500 mm	250 - 1000 µm	160 - 400 µm	165 - 1500 µm	250 - 640 µm	250 - 1000 µm
Cleave angle	Typical < 0.3 degrees	Typical < 0.3 degrees	Typical < 0.5 degrees	0 to > 15 degrees (fiber diameter dependent)	Typical < 0.3 degrees	Typical < 0.5 degrees	Typical < 0.2 degrees (125 µm), Typical < 0.3 degrees (400 µm)	0 to > 15 degrees (fiber diameter dependent)
Angular cleaving	No	No	No	Yes	No	No	No	Yes
Bare fiber length control	No	No	No	No	Yes, set to customer's requirements with adjustment up to + 500 µm	No	No	Add-on to AUTOCLEAVER LDF™
Fiber clamping force control	No	No	No	No	No	Yes, for fragile fibers such as micro-structures fibers	No	
Fiber waste length	Typical < 20 mm	Typical < 20 mm	Typical < 20 mm	Typical < 20 mm	Typical < 20 mm	Typical < 20 mm	Typical < 20 mm	
Automatic disposal	Yes	Yes	Yes	Yes	Yes	Yes	No	
Compressed air requirements	Yes, external compressor 6 Bar, 4 mm instant push-in fitting	Yes, external compressor 6-8 bar, 4 mm instant push-in fitting	Yes, external compressor 6-8 bar, 4 mm instant push-in fitting	Yes, external compressor 6-8 bar, 4 mm instant push-in fitting	Yes, external compressor 6 Bar, 4 mm instant push-in fitting	Yes, external compressor 6 Bar, 4 mm instant push-in fitting	No required, functions with tension cartridges	
NYFORS part number	50100015	50100099	50100021	50100017	50100029 (80 µm version), 50100028 (125 µm version)	50100030-31 (80 - 600 µm version), 50100092-93 (230 - 1000 µm version)	50100103	50100017