

CT115

Large diameter manual silica fibre cleaver

FEATURES

- LDF specialist - the CT115 is compatible with fibres with a cladding size between 80µm – 1250µm.
- Long blade life - approximately 200,000 cleaves with 250µm cladding fibres.
- Automatic features - auto cleave mode select using RFID-equipped fibre holders and automatic blade position change.



FIBRE TYPE	Silica fibre
NUMBER OF FIBRES	Single-fibre
CLADDING DIAMETER	0.08mm to 1.25mm
COATING DIAMETER	0.081mm to 3.182mm
CLAMPING FORCE ADJUSTMENT	Auto adjustment with motor
BACKSTOP ADJUSTMENT	Auto adjustment with motor
TENSION RANGE SETTING	0 to 10,000gf
CLEAVE LENGTH SETTING	30mm to 75mm
CLADDING DIAMETER 0.125mm	Avg. 0.2°
CLADDING DIAMETER 0.4mm	Avg. 0.3°
CLADDING DIAMETER 0.66mm	Avg. 0.4°
CLADDING DIAMETER 1mm	Avg. 1.0°
BLADE LIFE	Approx. 200,000 fibre cleaves at cladding dia. 0.250mm and 0.4mm
DIMENSIONS	240mm [W] x 133mm [D] x 142mm [H]
WEIGHT	Approx. 3.9kg without inserts and with fibre holder adapter
OPERATING TEMPERATURE	0°C to 40°C
OPERATING HUMIDITY	0 to 95% TH non-condensing
STORAGE TEMPERATURE	-40°C to 80°C
AC ADAPTER INPUT	AC100 to 240V, 50/60Hz, Max 1.5A
AC ADAPTER OUTPUT	Approx. DC19V, Max 2.1 A
DISPLAY	4.95-inch colour TFT touch screen
INTERFACE	USB2.0 Mini B
INTERFACE GROUNDING POINT	Applicable by M3 truss screw
WIRELESS COMMUNICATION	RFID: Compliant with ISO 15693
DATA STORAGE	Cleave mode: 100 modes Cleave result: 10,000 cleaves
AUTOMATIC FUNCTIONS	Auto cleave mode select by RFID tag, auto backstop adjustment, motorised blade position change auto tension select, auto clamping force adjustment
SOFTWARE	Firmware update via internet, cleaving parameter upload and download