

CT111

Automatic fibre cleaver with angled cleaving

FEATURES

- Cleave fibres with 80–25µm cladding
- Cleave fibres with an angle of up to 15°
- Automatic fibre tension and blade position adjustment, plus automatic cleaving programme selection via RFID signal from the fibre holder.



APPLICABLE FIBRES	Conventional silica single optical fibre Cladding diameter: 0.08mm to 0.250mm Coating diameter: 0.081 to 2mm
APPLICABLE FIBRE HOLDER	FH-100 series / FH110 series / FH-70 series
CAPABILITY OF SETTING RANGE FOR TENSION	0 to 900gf
TOTAL FIBRE LENGTH	Approx. 11~44mm
CLEAVE ANGLE	Avg 0.3°, cladding dia. 0.125mm
FIBRE TWISTER	Equipped
ANGLED CLEAVING	Approx. 0° to 15°
BLADE LIFE	Approx. 200,000 fibre cleaves at cladding dia. 0.250mm
DIMENSIONS	140mm [W] x 106mm [D] x 103.5mm [H]
WEIGHT	Approx. 850g without battery
AC ADAPTER INPUT	AC100 to 240V, 50/60Hz, Max. 1.5A
AC ADAPTER OUTPUT	Approx. DC 19V, Max 2.1A
BATTERY	Four AA / IEC LR6
BATTERY LIFE	Approx. 250 fibre cleaves with standard 0.125mm at 25°C
INTERFACE	PC: USB2.0 Mini B type
WIRELESS COMMUNICATION	RFID: Compliant with ISO 156937
FIRMWARE CLEAVEMODE	Ten cleave modes can be saved in the device, three cleave modes can be selected with the switch on the device.
OPERATING TEMPERATURE	0 to 40°C
OPERATING HUMIDITY	0 to 95% RH non-condensing
STORAGE TEMPERATURE	-40 to 80°C
STORAGE HUMIDITY	0 to 95% RH non-condensing
AUTOMATIC FUNCTIONS	Auto cleave mode selected by RFID tag, motorised blade position change, motorised auto tension setting
COATING ADJUSTER	Coating position adjustment mechanism after cleaving
SOFTWARE FOR PC	Firmware update via the internet, cleaving parameter upload and download