

New Products

New High Precision Fiber Cleaver CT-20 Series

This product is a tool that cleaves optical fiber. The CT-20 series is the successor of CT-04 series. Great improvement in operation is achieved with the same good performance as CT-04 series. In addition, fiber scrap collector (FC-01) and counter (NC-01) are newly introduced. These new improvements shorten operation time and lead to smooth operation flow.

Table 1 shows specifications of CT-20 series. Fig. 1 shows appearance of CT-20.

Features

1. Easy one-action cleaving
The CT-20 series cleaves fiber by 1 action. (The CT-04 requires 3 actions to cleave a fiber.)
2. Longer blade life
Blade for CT-20 lasts 4times longer than for CT-04 series with a new mechanism.
3. Applicable up to 24-fiber ribbon cleaving
The CT-20 series cleaves single fiber up to 24-fiber ribbon. (The CT-04 series is maximum 12-fiber ribbon.)
4. Optional fiber scrap collector
Fiber disposals can be collected by fiber scrap collector by 1 action after fiber cleaving operation.
5. Optional counter
Cleaving number of times can be counted by the optional counter.

Table 1. Specifications of CT-20 Series

Applicable optical fiber	Silica optical fiber Up to 24-fiber ribbon
Bare fiber diameter	80 or 125 microns nominal
Cleaving length (single fiber)	6 to 20 mm depend on fiber holder / fiber plate
Cleaving length (fiber ribbon)	10 mm
Dimensions (W×D×H)	110×76×49 mm (110×117×49 including fiber collector)
Weight	370 g (460g including fiber collector)
Option	Fiber scrap collector, counter



Fig. 1. Appearance of CT-20 with Fiber Scrap Collector and Counter.

[Information]

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