

FCV-700

High Precision Fiber Cleaver



The Model FCV-700, a manual fiber cleaver designed for cleaving silica fibers, provides repeatable high quality cleaves with clean edges and small angle as 0.5°. The 3 heights and 12 positions blade yields 36,000 fibers without replacement. By changing fiber clamp, FCV-700 can also cleave ribbon fiber (up to 12 fibers). It is an excellent choice for portability and ease of use.

Key Features

- Easy-to-operate
- Compact and light weight
- Applicable to coating fiber diameter of 250um & 900um
- Long fiber blade life – 36,000 cleaves
- Support ribbon fiber

Standard Package

- FCV-700 cleaver
- Hex wrench
- Carrying case
- Operating Manual

Ordering Information

FCV-700

Options

- FCV-Clamp - Clamp for Ribbon fiber
- FCV-Blade – Blade (extra)

Specifications

Applicable fibers	Silica optical fiber
Fiber count	Single (standard) Ribbon Fiber (optional, up to 12 fibers)
Bare fiber diameter	125um
Coating diameters	250um and 900um
Cleaving angle	Typical <0.5 degrees with single fiber
Cleaving length	250um: 9 ~ 16mm 900um: 10 ~ 16mm
Blade positions	3 heights and 12 rotating positions
Blade lifetime	36,000 cleaves (1,000 fibers x 3 heights x 12 positions)
Dimensions (mm)	60W x 76D x 57H (2.36 x 3 x 2.25 in)
Weight	420g (0.93lb)

Note: Specifications subject to change without notice

