

Fujikura announces the launch of the Large Diameter optical fiber Cleaver

CT105+ series

Fujikura Ltd.
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Fujikura Co., Ltd. (President & CEO Masahiko Ito) is proud to announce the latest evolution in the development of the large diameter cleaver with the launch of the CT105+ series.

Fiber laser manufacturers that require high-power optical energy transmission tend to use large diameter optical fibers. In order to obtain a good cleaving angle for large diameter optical fibers, it is necessary to set the optimum optical fiber clamping force and tension during cleaving.

If the clamping force is too strong, the fiber optical coating may deform and affect the transmission characteristics of light energy. On the other hand, if the clamping force is too weak, the optical fiber may slip during the cleave tension process, and then a good cleaving angle may not be obtained.

The new large diameter optical fiber cleaver equips with a function that automatically detects the optimum optical fiber clamping force. As a result, it is possible to set a high-precision optical fiber clamping force in a shorter time than before.

In addition, by reviewing the design of the cleave blade, we have succeeded in greatly improving the number of times an optical fiber can be cleaved.

Please try out our CT105+ series of cleaver for large diameter optical fibers, which can be applied to various optical fibers such as large diameter fibers, polygonal fibers, photonic crystal fibers, and capillary, hollow glass tube.

For more details, please refer to the URL below.

[\[https://www.fusionsplicer.fujikura.com\]](https://www.fusionsplicer.fujikura.com)

