

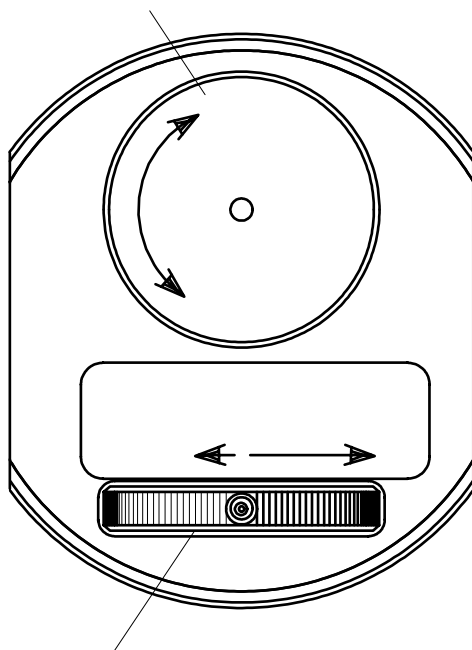
**F-SMA 200/230µm HCS®-Glass Fiber Cleaving Tool
F-ST 200/230µm HCS®-Glass Fiber Cleaving Tool
SC 200/230µm HCS®-Glass Fiber Cleaving Tool**

1 Introduction

The fiber cleaving tool has been developed to prepare the fiber end face of F-SMA, F-ST or SC connectors used for 200/230µm HCS® SI-fiber. Please note that this tool is only useable for fiber optic connectors where the fiber is not glued and for connectors without grinding scrap. During end face processing the fiber is exposed to a well-defined tension force prior cleaving the fiber at the top of the connector. The fiber breaks automatically at the cleaving area becoming a plane fracture. For this reason further end face processing is not necessary. This operating mode leads to reproduceable results of end face processing independant from user and location

2 Ordering Information

Model	Part-No.
for F-SMA Connectors	910 FW 230 SM 001
for F-ST Connectors	910 FW 230 ST 001
for SC Connectors	910 FW 230 SC 001



Pic 1



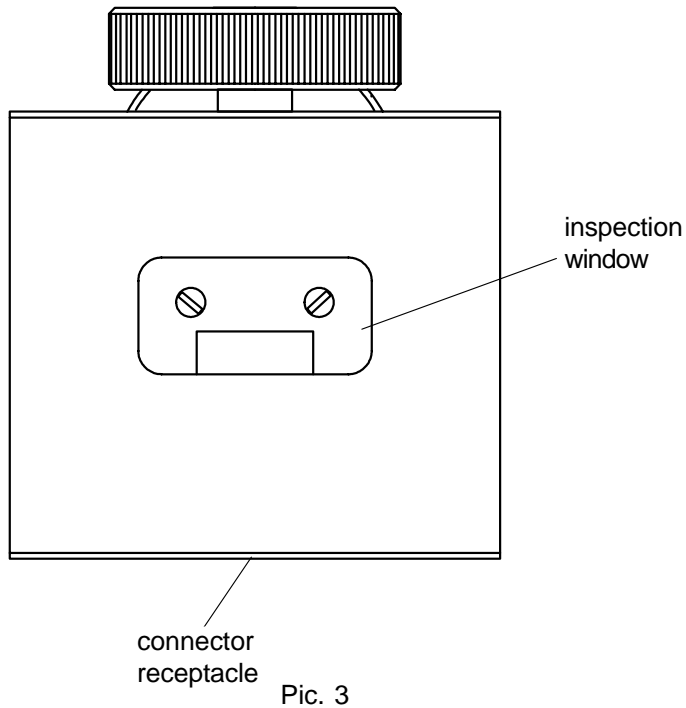
Pic. 2

3 Operating Instruction

Kindly note that before using the fiber cleaving tool the fiber itself protrudes min. 40mm out of the top of the connector.

- move the fiber tensioner in position 'Open'
 - move the fiber cleaver in position '0' (Open)
 - insert the connector with protruding fiber carefully into connector receptacle at the bottom side of the tool
 - the insertion procedure can be observed through the inspection window at the front side of the tool
 - after insertion procedure be sure that the fiber is protruding out of the center hole of the fiber tensioner
 - fix the connector cautious
 - carefully then move the fiber tensioner to position 'Lock'
 - the fiber is cleaved by slowly (>2s) turning the fiber cleaver from position '0' (Open) across position '1' to position '2' (Cleave)
- Kindly note that during rotation of fiber cleaver any quick or jerking movement has to be avoided
- remove the connector from receptacle
 - open then fiber tensioner and remove all fiber rests
 - inspect the fiber end face by using a suitable microscope

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4 Technical Data

fiber typ	: 200/230µm HCS®
Plug socket	: F-SMA , F-ST or SC
Weight	: 170g
Dimension	: 42 x 52 x 46 mm