

## Press release

### The launch of two new Fusion Splicers - S178A & S153A FITEL: Laser 2000 presents new fusion splicers with vastly improved splicing & heating time

**Wessling, 25 January 2010** The S178A has a more rugged, compact and lighter body compared to the previous model with vastly improved splicing & heating time. The S153A is a new concept machine which uses an 'Active clad alignment' function, which achieves lower splicing loss with less user skills required.



The S178A is the successor to the best selling S177A. The S178A has a more rugged, compact and lighter body compared to the previous model with vastly improved splicing & heating time.

Using the same rugged metal body of S178A, FEC will also launch another new Fusion Splicer in February 2010: The S153A is a new concept machine which uses an 'Active clad alignment' function, which achieves lower splicing loss with less user skills required compared to a conventional Fixed V-groove Clad Alignment Fusion Splicer.

These two machines are both designed to endure harsh operating conditions by improving shock / impact resistance with rubber pads embedded on 4 corners of the splicer body. Both fusion splicers also achieve water resistance compliant to IPX2 and dust resistance compliant to IP5X.

Another key feature of the S178A and the S153A is the significantly reduced operation time. Protection sleeve shrink time is mere 25 seconds, while splicing requires only 7 seconds with S178A. Power saving technology used in these machines allows up to 200 splicing cycles (splicing and heating) with 2 built in rechargeable batteries.

By combining improved speed, precision, durability and portability in one body, the S178A and S153A ushers in entirely new possibilities for fusion splicing applications.

**Go to our web site for further information and watch the impressive video:**  
<http://www.laser2000.de/index.php?id=373330&L=1>

#### **About Laser 2000:**

Since 1986 Laser 2000 is a supplier of high technology in the field of lasers, micromachining equipment, optics, and fiber optic equipment. Our products are designed to meet the challenges of both research and industrial production as well as your actual or future requirements of your applications.

Laser 2000 is headquartered in Munich, Germany and operates local offices in all major business areas of the European market. In order to support your application we deliver top-level service and products and meet the highest standard of quality. With an installed base of thousands of applications around the world, Laser 2000 has shown the ability to provide onsite-support in time.

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