

DIAMOND

Fiber Optic Tools

FIBER HANDLING TOOLS

DESCRIPTION

The DSCSU is a fully automated fiber preparation and fusion-splicing tool designed to meet the needs of today's optical manufacturers. Leveraging Diamond's 20 years of experience designing and building high-quality manufacturing equipment, the DSCSU is the smallest and fastest fully automated splicing tool available on the market. It strips, cleans, cleaves and splices a pair of fibers every 25 seconds. This is accomplished through the use of parallel processing techniques. The unit has the capacity to process 20 fiber pairs without operator intervention.

FEATURES AND BENEFITS

- ▶ 140 splices per hour / 1 splice every 25 seconds
- ▶ Manual single fiber pair or automated 20-fiber pair continuous operation
- ▶ Automated stripping and cleaving waste removal and storage
- ▶ No external compress air required for operation
- ▶ Splicing module inspects fiber cleanliness, cleave angle, and offset
- ▶ LabVIEW™ user-friendly graphical interface and color touch screen
- ▶ Software adjustable parameters
- ▶ Lockable casters provide mobility
- ▶ Separate detachable control unit
- ▶ Very accessible for fast and easy maintenance

TECHNICAL DATA

- ▶ Power 110-230V AC/ 50-60 Hz, 1.2 A, 280 W
- ▶ Working unit dimensions (wxhxd):
463 x 370 x 540 mm (18.2 x 14.5 x 21.3 inches)
- ▶ Control unit dimensions, std. 19" rack (wxhxd):
560 x 210 x 540 mm (22 x 8.2 x 21.2 inches)
- ▶ DSCSU dimensions (with rolling stand):
700 x 1200 x 750 mm (27.5 x 47.2 x 29.5 inches)
- ▶ DSCSU weight: 75 kg (157 lbs)

NOTE Please contact your local Diamond representative for additional information

DSCSU

(Diamond Strip Cleave&Splice Unit)



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*Specifications subject to change
without notice*

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