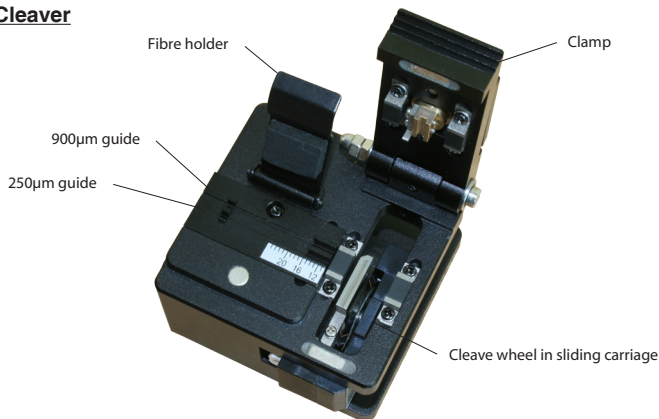


# OPTRONICS QUICK REFERENCE GUIDE

## Single Fibre Automatic Fusion Splicer

### CLEAVING

#### The Cleaver

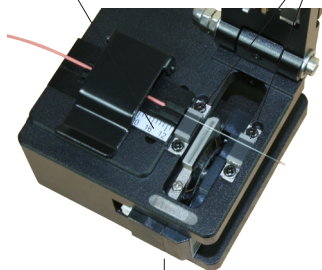


#### Operation of the cleave tool

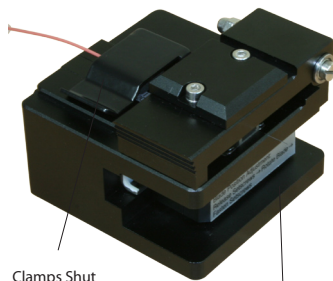
Strip and clean fibre. Set cleave wheel with all clamps open and carriage with cleave wheel set in the forward position. Place fibre in cleaver up to 16mm cleave length guide ensuring fibre crosses both pads.

Close fibre clamps and push cleave wheel carriage to rear slowly. Lift clamps and remove fibre taking care not to damage cleaved end. Fibre is now ready to be placed in splice machine.

Fixed 16mm Guide      Clamp Pads



Cleave Wheel Forward



Clamps Shut

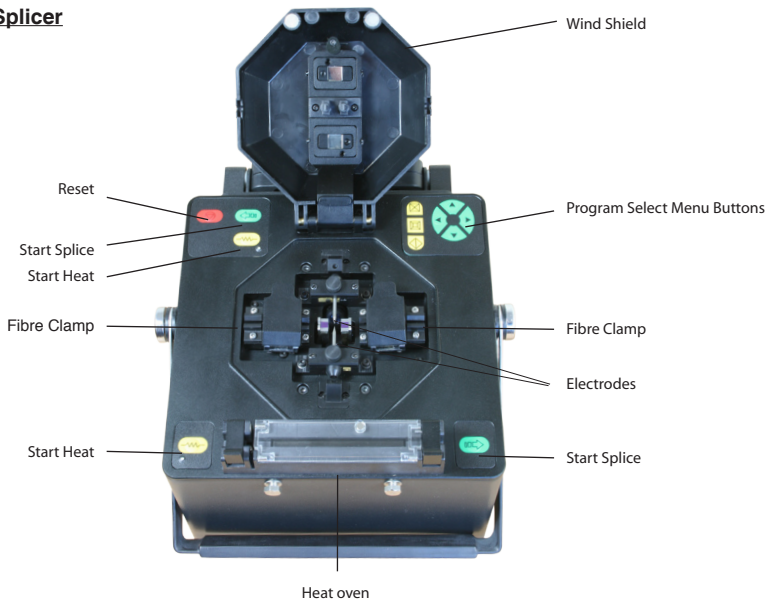
Cleave Wheel Carriage Rear

# OPTRONICS QUICK REFERENCE GUIDE

## Single Fibre Automatic Fusion Splicer

### SPLICING

#### The Splicer



#### Operation of the fusion splicer

To select the splice program  
Press menu button



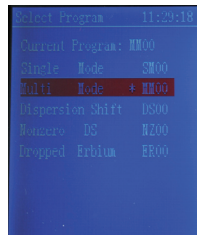
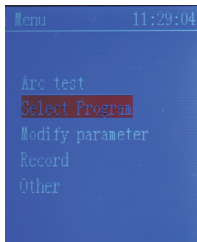
cursor down to program select,  
press menu button



select fibre type as appropriate  
press menu to select highlighted  
program



return to main screen by pressing.

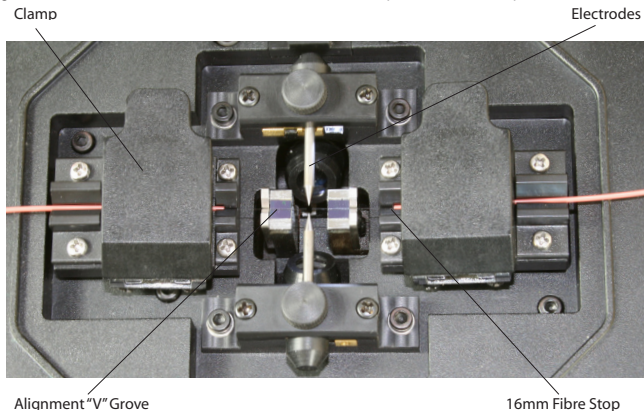


# OPTRONICS QUICK REFERENCE GUIDE

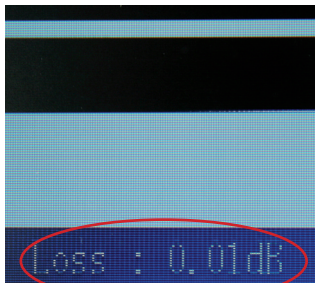
## Single Fibre Automatic Fusion Splicer

### Operation of the fusion splicer

Load the cleaved fibres in to the clamps as shown. Fibre should butt against the stop in the clamp ensuring correct positioning of the fibres either side of the electrodes. Close clamps to hold fibre in place.



Close windshield and press green start button. The splicer will move the fibres together, align them and then splice.



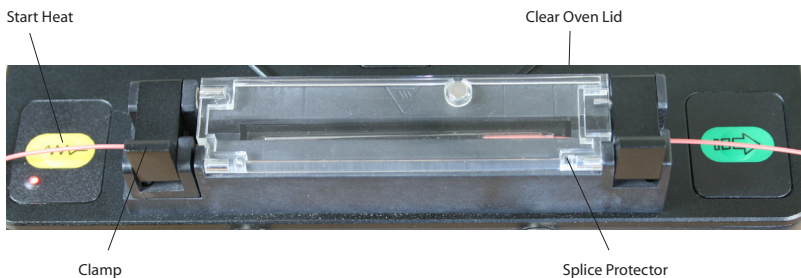
On completion, an estimated splice loss will be displayed on screen.

Lift the windshield and a tension test will be performed. Carefully open clamps and remove fibre. Position a splice protector evenly over the exposed area of fibre.

# OPTRONICS QUICK REFERENCE GUIDE

## Single Fibre Automatic Fusion Splicer

### Splice Protection



Place the splice protector into the oven. The clamps should fall down as the splice protector is placed in the oven and hold the fibre in place. Close the transparent lid LAST as this ensures the fibre is kept under tension whilst being heated.

Press start heat button



When the red light goes out the operation is complete. The splice protector should be allowed to cool on the cooling tray.