

# FIB-TRN FIBER TRAINER

EDUCATION | KNOWLEDGE | SUCCESS

The Tempo Communications Fiber Trainer provides a compact platform used to train fiber optic technicians. The Fiber Trainer has loss events that simulate a faulty connector, a Macrobend and a damaged fiber optic cable. The 1km fiber link provides the student technician a typical fiber link that has a fault midway. This allows the technician setup the OTDR, test and evaluate the 1km link. The two fiber spools provide sufficient fiber for fusion splicing exercises. The connectors on the ends of the fiber spools allow for convenient connections for loss testing so that the student technician can measure and validate fusion splice loss.



## Learning Components:

- Fiber Optic Basics
- Cleaning and Inspection
- Visual Fault Locating
- Fiber Optic Loss Testing
- Fusion Splicing & Fiber Dressing
- Optical Time Domain Reflectometers

## SPC01 Consumable Kit Contents:

- 50 Pack of Cleaning Swabs
- 100 Pack of Cleaning Wipes
- Fiber Disposal Unit
- Cleaning Fluid
- Safety Glasses
- 50 Pack of Fusion Splice Sleeves
- Two SC/UPC Bulkheads
- Two 15m Pigtail (900 micron)
- One SC/APC to SC/APC 3mm, 0.5m Cable
- Three SC/UPC to SC/UPC 3mm, 0.5m Cable
- One Sharpie Pen
- Two SC/UPC to SC/UPC 3mm, 5m Cable
- One SC/APC to SC/UPC 3mm, 1m Cable



**FIBER TOOLS**

# Learning Instruments



OPM210  
SLS520



915FS



OFL100



915CL



MSS100



PA1822



TCDCS



TCCPS

## Ordering Information

| CAT. NO.    | DESCRIPTION   |
|-------------|---|
| FIB-TRN     | Fiber Trainer   |
| SPC01       | Fiber Trainer Consumable Kit<br>(Not included with FIB-TRN) |
| OPM210      | Standard Power OPM with VFL                                 |
| OFL100-NA   | OFL100 with North American Power Supply                     |
| SLS520      | 1310/1550nm Dual Laser                                      |
| 915FS-KIT1  | 915FS Fusion Splicer & Cleaver Kit                          |
| PA1171      | Pro Grip Fiber Stripper                                     |
| PA1511      | Kevlar Cutter   |
| PA1175      | Pro Grip Cutter   |
| REEL-CLN    | Opti-Clean Reel Cleaner                                     |
| FIP100 KIT  | Fiber Inspection Probe Kit                                  |
| DPE100      | Drop Fiber Enclosure Kit, 2 PORT                            |
| SOCSCUPC-10 | SOC SCUPCSMF 10 Pack  |
| 2.5 SWAB    | 2.5mm Cleaning Swabs, 100 Pieces                            |
| TCLTH       | Tablecloth  |
| PA1822      | Cable Slitter   |
| MSS100      | Midspan Slitter   |
| TCCPS       | Slit and Ring Stripper                                      |
| TCDCS       | Drop Cable Stripper   |
| SD6-in-1    | Six in one screwdriver                                      |

## Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| CONNECTOR INTERFACES: | SC/UPC (3) SC/APC (2)                 |
| FIBER:                | G.652 Ultra                           |
| WEIGHT:               | 3.73 lb (2.14 kg)                     |
| DIMENSIONS:           | 12.2 x 9.0 x 4.1" (310 x 229 x 104mm) |

## Optional Instruments

| CAT. NO.   | DESCRIPTION                   |
|------------|-------------------------------|
| FI-100-KIT | Fiber Identifier Kit          |
| LC-500     | 500m Launch Cable, Singlemode |
| SLS525     | 850/1300nm Dual LED           |

## Available Kits

| CAT. NO. | DESCRIPTION                    |
|----------|--------------------------------|
| JTK-PA   | Pre-Apprentice Kit             |
| JTK-T    | Trainer Kit                    |
| JTK-SP   | JTK-T & 915FS-KIT1             |
| JTK-OFL  | JTK-T & OFL100-NA              |
| JTK-FULL | JTK-T & 915FS-KIT1 & OFL100-NA |

## Pre-Apprentice Kit Contents (JTK-PA)

| CAT. NO. | DESCRIPTION                |
|----------|----------------------------|
| PA1822   | Cable Slitter              |
| PA1511   | Kevlar Cutter              |
| PA1177   | 3 In 1 Fiberoptic Stripper |
| PA1179   | Cable Cutter               |
| MSS100   | Midspan Slitter            |
| TCCPS    | Slit and ring Stripper     |
| TCDCS    | Drop Cable Stripper        |
| SD5-in-1 | 6 in 1 Screwdriver         |

## Trainer Kit Contents (JTK-T)

| CAT. NO. | DESCRIPTION                |
|----------|----------------------------|
| FIB-TRN  | Fiber Trainer              |
| SPC01    | Consumable Kit             |
| JTK-PA   | Pre-Apprentice Kit         |
| REEL-CLN | Reel Cleaner               |
| 2.5 SWAB | 2.5mm Cleaning Swabs (100) |
| OPM210   | Optical Power Meter        |



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