



QUICK CHECK OF OPTICAL CONNECTION CONNECTOR CLEANING

Allows troubleshooting of simple FO connection issues.

Description

The fiber optics maintenance kit is specifically used by fiber optic sensor users for cleaning the connectors, for making inspections and for detection of damages.

Fiber Optics Maintenance Kit consists of:

- Fiber Microscope
- Laser
- Rechargeable fiber optic connector cleaner with 2 spare tapes
- Connector Openers
- 1 Ferrule Mate

The connection of the FO sensor to the laser allows to reveal light losses along the whole sensor fiber length.

The microscope together with the fiber optic connector cleaning tape as well as the connector openers are useful tools for the inspection and removing of dust/particles of the fiber optic sensor connectors. The ferrule mate allows an efficient cleaning process without having to disconnect the connectors.

These devices are contained in a protecting case.

Key Features

- Inspection of optical components
- Sensor damage detection
- Inspection of connectors
- Ferrule Mate
- Connector cleaner

Applications

- Bridge Structural Health Monitoring SHM
- Building monitoring
- Dam instrumentation
- Tunnel deformation monitoring
- Pipeline local deformation analysis

Technical characteristics

Microscope magnification:	200x
Microscope battery:	3 x AAA batteries (include)
Microscope option:	Universal connector adapter
Laser wavelength:	600-700 nm (class 2 laser product)
Laser battery:	2 x AAA batteries (include)
Protective case dimensions and weight:	46 x 34 x 12 cm / 2.5 kg

Maintenance Kit Items:



Laser



Connector cleaner with spare cleaning tapes



Microscope with universal connect adapter



Connector opener



Ferrule Mate



Tool Box

Ordering information

Each item of the maintenance kit can be ordered also separately.

Smartec SA

Via Pobietto 11
CH-6928 Manno, Switzerland

Phone +41 91 610 18 00
Fax. +41 91 610 18 01

Email info@smatec.ch
Web www.smatec.ch