

DIAMOND

Fiber Optic Equipments

INSPECTION EQUIPMENTS

GENERAL DESCRIPTION

The new Diamond Video Inspection Microscope (VIM) has been designed to meet today's requirements for safety, reliability and quality, by incorporating the performance of a laboratory microscope into a portable, easy to use field inspection tool.

This compact portable "one-hand" operated video microscope offers a zoom feature up to 200x and 400x magnification, integrated endface illumination for inspection of both, unmated connectors as well as in-adapter connectors for 2.5 mm or 1.25 mm (PC and APC) ferrules. The inspection probe can be used with a 3.5" color display unit (table top or with a magnetic holder) powered by a rechargeable battery, or directly connected to a PC via USB 2.0 cable without the need of an external power supply.

FEATURES AND BENEFITS

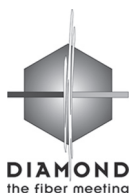
- ▶ Ergonomic hand held probe including integrated CCD color camera, motorized focus and zoom features, auto shut-off function
One hand operation, improved eye safety
- ▶ Interchangeable extended probe including E-2000™ adapter
Allow access to remote backplane connectors
- ▶ 3.5" TFT active matrix color display unit with magnetic stand and wrist band fixation
Provide high resolution and hands free viewing
- ▶ USB 2.0 cable and image capturing software
- ▶ 2.5 mm and 1.25mm universal adapters included
- ▶ Rechargeable battery pack with magnetic stand and battery clip (belt style)
Provides up to 7 hours of continuous use
- ▶ Optional accessories, including:
 - Visual Fault Locator (VFL)
 - Many industry standard connector adaptors
- ▶ Rugged carrying case

VIDEO INSPECTION MICROSCOPE KIT COMPLETE



AVAILABLE KITS

- ▶ Complete inspection set, cleaning kit, USB 2.0 cable and carrying case
- ▶ Complete inspection set, USB 2.0 cable and carrying case
- ▶ USB 2.0 inspection set, including soft padded pouch



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Video Inspection Microscope Kit



Display unit



Inspection probe with interchangeable extended probe

Specifications subject to change without notice

BDD 1950573 106

USB application



KEY COMPONENTS

1. Display unit including magnetic stand and wrist band fixation
2. Rechargeable battery with clip (belt style) and magnetic stand
3. Video inspection probe
4. USB 2.0 cable

OPTIONS

Visual Fault Locator (VFL), pen style



Specific adapters for unmated connectors:

- E-2000™ and F-3000™ PC/APC
- FC PC & APC
- LSA (DIN) PC & APC
- MU and SC PC/APC
- ST™ and MT-RJ PC
- MFS and MPO PC/APC



Specific adapters for in-adapter connectors:

- E-2000™ PC & APC
- FC PC
- SC PC & APC
- ST™ and LSA (DIN) PC
- F-3000™ / MU PC
- LSA (DIN) PC & APC



TECHNICAL DATA

- ▶ AC 100-240VAC, 50/60 Hz Power Supply
- ▶ DC Power 9V NiMH Rechargeable Battery, 93 x 75 x 40 mm (3.6 x 2.9 x 1.6 inches), 0.5 kg (1 lbs)
- ▶ 3.5" TFT active matrix display unit, 480 x 234 pixels, 93 x 75 x 26 mm (3.6 x 2.9 x 1 inches), 0.2 kg (0.4 lbs)
- ▶ Inspection probe 170 x 38 mm (6.7 x 1.5 inches) (LxD), 0.4 kg (0.86 lbs)
- ▶ Complete kit w/Travel case, 540 x 420 x 210 mm (21.3 x 16.5 x 8.3 inches), 6 kg (12.5 lbs)

ORDER INFORMATION

To order complete kits, options and adapters, please refer to the part numbers provided in the enclosed P/N list