



Optokon, located in Jihlava, Czech Republic, was founded in 1991 as a spin off of Tesla institute by taking over the extended production program of optical connectors. Since then Optokon have enlarged the portfolio from passive products like connectors and cables through active products like media converters up to test and measurement instruments. Optokon are ISO9000-certified, UL and NATO approved.

## PM 420 M&M series

The PM 420 M&M combines two testing devices in one common box, an optical power meter and a fiber inspection microscope. All popular connectors can be accommodated.

### Features:

- Portable with Li-Ion rechargeable battery
- 4" TFT Active Matrix LCD monitor
- Universal 2.5 (1.25) adapter
- High resolution
- Fixed focus

### Power Monitor Section

The optical power meter is designed to measure absolute or relative optical power in optical networks. The memory features allow storage and uploading of up to 512 power measurements including memory position or fiber number, wavelength, absolute value or relative value and insertion loss.

### Optical Microscope Section

The high quality optical microscope and LCD display allows the visual inspection of fiber optic connector endfaces. It contains high resolution optics that provide sharp images of pits, scratches and other surface imperfections on connector endfaces.

### Specifications:

- Magnification            220X
- FOV                        450 µm
- Lateral Resolution    1 µm/pixel

## Light Source LS420

The light source LS420 series comprise up to 7 combinations of wavelengths, maximum 4 wavelengths in one instrument. The device is equipped with 2 pcs AA rechargeable battery which allow more than 15hrs operation between charging. In combination with the MultiLAN350, which is designed for testing copper networks, you can transfer the optical data via IrDA port to create one test report (both copper and FO part in one report).

Optokon offer also a variety of power meters, a specialty is the extremely small device PM211 as shown on the left side.

- 7 wavelengths available: 850, 1300, 1310, 1490, 1550, 1625 and 650nm
- FC or ST connectors available (SM or MM)
- battery status indicator
- calibration certificate
- soft case for carrying at belt

