



Video inspection microscope ODM VIS300

The ODM VIS300 portable video inspection microscope is an indispensable tool for installers and technicians who work with optical networks. The microscope is used to check the cleanliness of fiber optic connectors, even in difficult to reach places, thus eliminating the most common causes of failures and problems in optical networks, which are dirty and poor quality connections. Its unique focus system eliminates the need for the user to adjust the focus by tuning the precision focus knob, as done in most other microscopes, which makes it much easier and intuitive to use. The inspection microscope includes interchangeable adapters to ensure inspection of wide range of fiber optic connectors. A large field of view and high resolution ensure that even dirt particles placed far from the core, which could then migrate toward the core of the fiber, will not be overlooked. Long battery life and 24-month warranty of the equipment are extra benefits to all users. The VIS 300 microscope is available with LCD display or as a standalone tool to connect to a computer.

Functionalities:

- **Video inspection microscope** to be used with fiber optic connectors,
- **3.5" LCD** screen in a protective case,
- **Pass/Fail software** included, compliant with IEC 61300-3-35,
- Large 630x440 μm **field of view**,
- **Interchangeable adapters** for wide range of connectors,
- Bright and uniform illumination,
- **Built-in charger**,
- Up to **10 hours** of continuous use,
- Can be used during recharging,
- Unique focus system,
- 3 equipment packages available to choose from.
- **24-month warranty!**



Available packages:

- VIS300 - SND video inspection microscope with USB converter to connect to PC, 4 interchangeable adapters (2,5mm female universal, 1,25mm female universal, SC PC male and LC PC male),
- VIS300-KIT - with 3.5" LCD monitor, 4 interchangeable adapters (2,5mm female universal, 1,25mm female universal, SC PC male and LC PC male),
- VIS300-KIT-USB - with 3.5" LCD monitor and Pass/Fail software, 4 interchangeable adapters (2,5mm female universal, 1,25mm female universal, SC PC male and LC PC male).

Technical data

Optical parameters

Field of view [μm]	630x440
Display [μm]	0,75
Illumination	Blue LED, coaxial
Screen (only VIS300-KIT, VIS300-KIT-USB)	LCD 3,5"

Other functional parameters

Power supply	Built-in batteries
Battery life	8-10 h
Battery charge time	3 h
Auto Off function	Yes
Illuminated display	Yes

Mechanical and environmental parameters

Weight (only VIS300-KIT, VIS300-KIT-USB) [g]	540
Dimensions [mm]	180x25x19
Display [mm]	120x89x32
Working temperature [$^{\circ}\text{C}$]	0 / +50
Storage temperature [$^{\circ}\text{C}$]	-40 / +70