AFL

LASER COMPONENTS

Test and Inspection

NOYES®
VS300 View Safe Video Microscope

Features
- Safety: The VS300 has no optical path to the user's eye
- Ergonomic: Comfortable molded easy grip case
- 2.5 mm Universal adapter included (accepts FC, ST, FC, etc.)
- View PC and angled connector types including MPO/MTP
- NTSC video output

Applications
- Verify jumper ends are clean prior to connecting to network
- Inspect end-faces for scratches or pits
- Eliminate the most common network fault (bad connectors)

Inspect patch cords with NOYES VS300 from AFL. Designed for field use, the VS300 scope delivers a high quality end-face image at 400x magnification. Quickly identify scratches, dirt or other problems normally associated with poor network performance.

FACT: A large percentage of network failures are caused by dirty or damaged end-faces on fiber optic connectors. Inspecting jumper end-faces prior to connection is critical to network performance. The VS300 scope provides a quality optical inspection tool at an affordable price.

Safety by design: the VS300 Utilizes a camera and micro display to provide an end-face image while eliminating the optical path to the technician's eye. This ensures no harm in the case of inadvertent viewing of live fibers. *

The VS300 features a Universal adapter cap mount that accepts a variety of NOYES thread-on style adapter caps (ordered separately) to ease inspection of many connector style. A momentary power switch located on the top panel keeps one hand free for focusing.

Tri-Pod mount: For stationary work, the tri-pod mount allows the VS300 to attach to any standard camera tri-pod.

Auto time-out feature provides long battery life from standard 2 x AA Alkalines.

*Always follow your company's laser safety procedures and never use an optical microscope to view live fiber optic connectors.

FOLS
FIBER OPTICS LAN SECTION

Bicsi®
CORPORATE
MEMBER

FTTH
COUNCIL

LASER
COMPONENTS

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Specifications [a]

OPTICAL	
Magnification	400X equivalent to 8" monitor for 20" distance
Adaptor Mount	Thread-on (Universal)
Safety Filter	Not Required - No optical path to user
Video Output	NTSC
GENERAL	
Operating Temperature	0 °C to +50 °C
Storage Temperature	-20 °C to +60°C
Humidity	0 to 90 % (non - condensing)
Power Supply	2 AA alkaline batteries, optional AC adapter
Battery Life	300 inspections @ 60 seconds each
Indicators	Low battery
Weight	0.42 kg (0.94 lb)
Size (H x W x D)	3.5 x 1.5 x 8.5 in (8.9 x 3.8 x 21.6 cm)

Note:

a. All specifications valid at 25 °C unless otherwise specified.

Ordering Information

DESCRIPTION	AFL NO
VS300 UPC/APC MPO Inspection and Cleaning Kit. Includes VS300 Inspection Scope, MPO APC (8°) adapter tip, MPO UPC adapter tip, 2.5 mm Universal adapter tip, One-Click MPO Cleaner, Optixx Precision Lens and Instrument Cleaning kit, hard case, 2 x AA batteries, users guide.	MPOK-AU-VIDX
VS300 UPC MPO Inspection and Cleaning Kit. Includes VS300 Inspection Scope, MPO UPC adapter tip, 2.5 mm Universal adapter tip, One-Click MPO Cleaner, Optixx Precision Lens and Instrument Cleaning kit, hard case, 2 x AA batteries, users guide.	MPOK-XU-VIDX
VS300 APC MPO Inspection and Cleaning Kit. Includes VS300 Inspection Scope, MPO APC (8°) adapter tip, 2.5 mm Universal adapter tip, One-Click MPO Cleaner, Optixx Precision Lens and Instrument Cleaning kit, hard case, 2 x AA batteries, users guide.	MPOK-AX-VIDX
VS300 Inspection Kit. Includes VS300 Inspection Scope, 2.5 mm Universal adapter cap, 2 x AA batteries, users guide.	VS300
VS300 UPC/APC MPO Upgrade Kit for VS300 Owners. Includes MPO APC (8°) adapter tip, MPO UPC adapter tip, One-Click MPO Cleaner, Optixx Precision Lens and Instrument Cleaning Kit, hard case.	MPOK-AU-VIDU
VS300 UPC MPO Upgrade Kit for VS300 Owners. Includes MPO UPC adapter tip, One-Click MPO Cleaner, Optixx Precision Lens and Instrument Cleaning lit, hard case.	MPOK-XU-VIDU
VS300 APC MPO Upgrade Kit for VS300 Owners. Includes MPO APC (8°) adapter tip, One-Click MPO Cleaner, Optixx Precision Lens and Instrument Cleaning kit, hard case.	MPOK-AX-VIDU
VS300 angled SC adapter tip.	8800-00-0220
VS300 angled FC adapter tip.	8800-00-0218
VS300 angled E-2000 adapter tip.	8800-00-0229
VS300 angled MTP/MPO adapter tip.	8800-00-0234
VS300 UPC MTP/MPO male adapter tip.	8800-00-0233
VS300 1.25 mm Universal male adapter tip.	8800-00-0236
VS300 2.5 mm Universal male adapter tip.	8800-00-0219
VS300 SMC 0° adapter tip.	8800-00-0235
VS300 1.6 mm (pin) adapter tip.	8800-00-0244
VS300 2.0 mm (pin) adapter tip.	8800-00-0248
VS300 EC (radial) adapter tip.	8800-00-0277
VS300 1.25/2.5 mm (2-position) Universal adapter tip.	8800-00-0265