

VS 300

View Safe Inspection Scope



- ◆ Video Technology
- ◆ No optical path to your eye
- ◆ 400x magnification
- ◆ Resolves $\frac{3}{4}$ micron scratches
- ◆ Universal Adaptor Interface with new "pan and lock" centering mount
- ◆ Video Output



Description

The VS 300 eliminates the concerns for eye safety resulting from the reliability and verifiability issues of laser filters, particularly while inspecting connector end-faces in long haul and DWDM installations.

Rather than an optical system with a laser filter for viewing fiber connectors, this new design utilizes a miniature camera and a state of the art micro-display that achieves the unparalleled clarity and resolution associated with Noyes' inspection scopes.

The "next generation" VS300 is modeled after the functionality of our highly successful OFS 300 product line with the following improvements:

- ❑ The VS300 has no optical path to the user's eye.
- ❑ The VS300 has NTSC video output.
- ❑ The VS300 has the familiar shape and control positions of the OFS 300 but is half the weight and has a molded easy grip case with easy access battery compartment.

The magnification of the unit is equivalent to 400x (23-degree field of view comparable to 8" monitor viewed at a distance of 20") and provides 600x when its video output is displayed on a 12" monitor. The unit uses all the OFS 300 adaptor caps and has an energy saving automatic shutoff.

Specifications

Optical Specifications	
Magnification	400X equivalent to 8" monitor for 20" distance, 600X on 12" monitor
Adaptor Mount	Thread-on (Universal)
Safety Filter	Not Required - No optical path to user
Video Output	NTSC
General Specifications	
Operating Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Humidity	0 to 90% (non - condensing)
Power Supply	2 AA alkaline batteries, optional AC adapter
Battery Life	10 hours continuous
Indicators	Low Battery
Weight	0.94 lbs (0.42 kg)
Size (H x W x D)	3 ½" x 1 ½" x 8 ½" (8.9 x 3.8 x 21.6 cm)



Specifications are subject to change.

Ordering Information

The VS 300 Inspection Scope includes 2 Internal batteries, neck strap, 2.5mm universal adapter cap, warranty registration card, and user's guide.

Accessories and Adapter Caps

Accessories

Description	Model
VS300 Soft Carry Case	1400-01-0005
VS300 Hard Carry Case	VOS3-00-0109
Replacement Eyepiece	VOS3-00-0104
Tripod Stand (table top)	2900-10-0001
AC Adapter	4050-00-0115
Video cable, VS to VFS1	VOS3-00-0107
Video cable, VS to RCA	VOS3-00-0108

Adapter Caps

Description	Model
1.25mm Universal	8800-00-0224
2.5mm Universal	8800-00-0214
FC	8800-00-0200
SC	8800-00-0209
ST	8800-00-0202
Angled FC	8800-00-0218
Angled SC	8800-00-0220
E2000	8800-00-0221
Angled E-2000	8800-00-0229
Biconic	8800-00-0204
SMA	8800-00-0203

Description	Model
Backplane SC	8800-00-0219
Radial PFO/VFO	8800-00-0212
ESCON	8800-00-0210
DIN 47256	8800-00-0211
FDDI KIT	8800-00-0215
FDDI	8800-00-0205
D4	8800-00-0201
MU Simplex	8800-00-0226
LC Simplex/Duplex	8800-00-0225
MT-RJ	8800-00-0231
1000 ∞m	8800-00-0223
MTP* 0°	8800-00-0233
MTP* 8°	8800-00-0234
SMC 0°	8800-00-0235
MPX**	8800-00-0237
Angled MPX**	8800-00-0238
RCG-BLC 1.25 mm	8800-00-0239
Backplane 1.25 mm	8800-00-0236
Hughes (1.6 mm)	8800-00-0240
0° MT Ferrule	8800-00-0241
8° MT Ferrule	8800-00-0242

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For more information on available Noyes fiber optic products and accessories please call **1-800-321-5298** or visit us at **www.noyes-fiber.com**.

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