

VOscope

INSTRUCTIONS FOR: VideoStik Inspection Scope VSXX-8WA

Thank you for purchasing this product. We take pride in manufacturing to a high standard, and if used in accordance with these instructions, this product will provide you years of trouble free performance

STOP

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO COULD CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE USE.

GENERAL SAFETY INSTRUCTIONS

- x DO NOT use video inspection scope if dropped and damaged
- x DO NOT operate near live electrical wires.
- x DO NOT operate near moving parts such as pulleys, motors, gears, fans, etc.
- ✓ Be aware of your surrounding environment while using your inspection scope
- ✓ Wear suitable clothing and be aware of hand placement and body position during inspection.

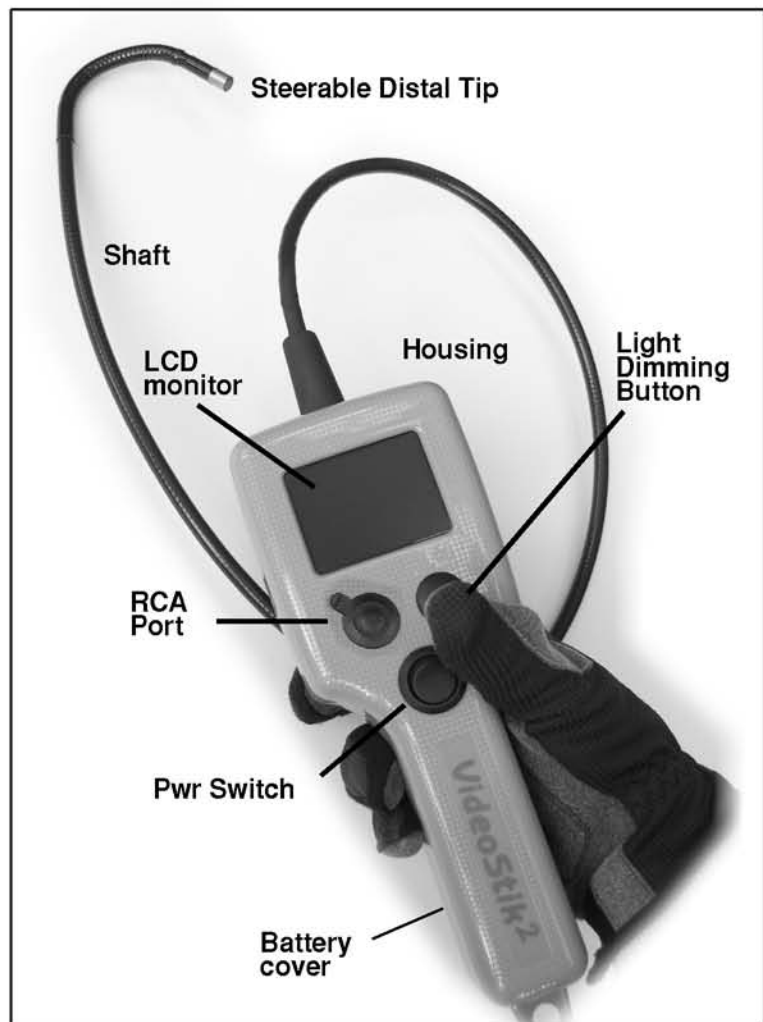
INTRODUCTION

The Videoscope is for remote inspection of areas generally inaccessible to the naked eye. It comes with a distal video camera at the end of a water resistant steerable shaft for internal inspection of engines, A/C systems, interior structures of walls, and other industrial applications. The tip of the scope is controlled with the rotating knob on the back of the handle. Imaging and illumination is provided by a full color image sensor and dual solid state LEDs which are controlled by an on/off rocker switch. The 2.5" full color LCD screen allows the user to observe live video from the distal camera. The unit is powered by 4 - AA batteries. The scope is shipped with a protective case for storage.

SPECIFICATIONS

Shaft . . .	Water Resistant
Distal Tip Dia. .	8mm
Steering radius	2.75"
Full Viewing Angle . . .	360 Degrees
Viewing Distance	0.4" to Infinity
Resolution	320 x 240 pixels
Viewing Monitor . .	Color 2.5" LCD

Shaft Bending Radius.	3" minimum
Power	Alkaline AA batteries (4)
Battery Life	3 hrs
Storage Temp . . .	-4F to 158F (-20 to +70)
Operating Temp . .	32F to 113F(0 to 45)
Warranty.	1 year*



*The ultimate
inspection tool
designed for the
everyday
professional*

OPERATING INSTRUCTIONS

CAUTION: Do not use excessive force to insert or retrieve shaft from the equipment or areas under inspection

CAUTION: Never use the distal tip to push against objects or to clear a path. This instrument is for remote viewing only.

CAUTION: The handheld monitor unit is not water resistant. The shaft and distal tip are water resistant (refer to cleaning and storage .

DO NOT insert the scope shaft and tip into locations where the temperature is greater than 113 deg F (45 deg C).

DO NOT vibrate, bang, or drop your scope. It is not shock resistant.

Operation - Hold the unit by the housing and toggle the rocker switch down. This turns the distal camera and monitor on for viewing. Simply manipulate the shaft toward the area under investigation while viewing the monitor.

Light/Dimming - To provide illumination, tap the dimming button once and release. To dim or brighten, press button down and hold as light cycles thru its intensity range. Once the proper illumination is achieved, release button. To turn light off, tap once and release or simply turn unit off with toggle power switch.

Video out port - The VS scope provides an external NTSC video signal via an RCA phono jack located beneath the dust cover on the front panel. This signal can be utilized by a compatible monitor or recording device. **See our PicStik 45004 PS**

Steering of Distal Tip - Insert the tip into the area to be viewed. As you push the shaft toward your target, rotate the knob, **Fig 3**, left or right to steer the distal tip.

DO NOT attempt to bend the distal tip in a space smaller than the bending radius.(see specs) **Fig. 4 Stop if undue stress is felt while turning knob.**

MAKE SURE you straighten out the distal tip before withdrawing from the target area

MAINTENANCE INSTRUCTIONS

BATTERY REPLACEMENT

WARNING ! Make sure switch is in the off position prior to maintenance and/or battery replacement.

Use caution when removing and re-inserting battery pack so as to not strain or pinch the connecting leads. See **Fig 1**.

1. Remove the battery housing door with a Phillips screwdriver.
2. Tilt the battery pack up from the bottom and remove
3. Un-clip the connector - if required - and replace batteries in the pack. Use 1.5v alkaline AA type batteries only.
4. Observe polarity as marked in battery holder
4. Re-attach connector and re-insert battery pack into bottom of handle.
5. Re-assemble battery door. Do not over tighten screw.

CLEANING AND STORAGE

After each use:

- a. Wipe down the distal tip and shaft with a clean, dry cloth to remove fluids and residue.
- b. Gently use a cotton swab lightly dampened with isopropyl alcohol to clean glass distal window - **FIG 2**
- c. Gently clean the LCD screen with a dry cloth. Only use a cloth lightly dampened with isopropyl alcohol if necessary. **NEVER** rub hard and **NEVER** press on the monitor surface with a sharp object.
- d. Remove batteries when cleaning and if scope is to be stored for long periods of time.

NOTE: Your inspection scope **MUST** be completely dry before returning it to the storage case.

NOTE: Your inspection scope **MUST** be stored in cool, dry place.

TROUBLESHOOTING

1. If images tend to be blurry and not in focus, clean the distal tip window gently as described above
2. If the display monitor shifts in color, loses color, or goes blank, change the batteries per above.
3. If LCD displays a white screen when first turned on, turn off, then turn on after 3 seconds.



Fig 1



Fig 2



Fig 3



Fig 4

NOTE: It is our policy to continually improve our products and we reserve the right to update data, specifications, and component parts without notice.

IMPORTANT: No liability is accepted for incorrect use of this product. *WARRANTY: 1 year from date of purchase against defects and workmanship when used in accordance with instructions. Warranty is void if unit is opened or tampered with other than stated in these instructions. For any questions or suggestions, please give us a call.