

VOscope

INSTRUCTIONS FOR:
VIDEO STIK INSPECTION SCOPE
P/N VS36-10WW

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

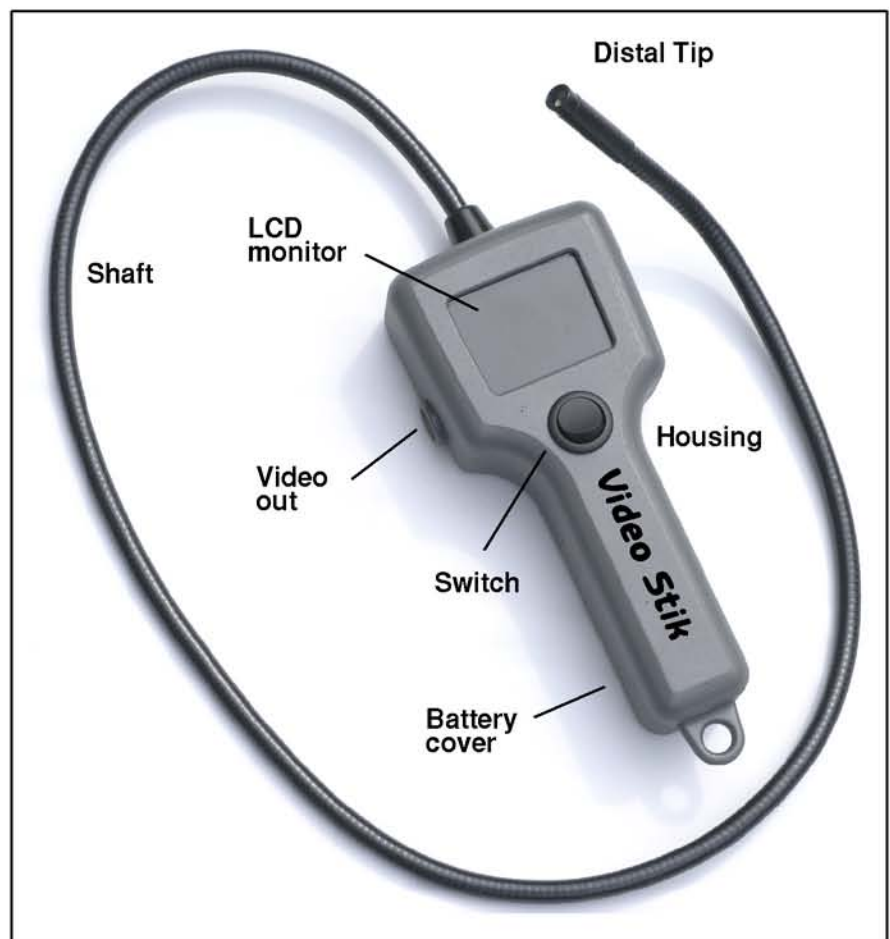
The Video Stik is for remote inspection of areas generally inaccessible to the naked eye. It comes with a distal video camera at the end of a 36" shaft for internal inspection of engines, A/C systems, interior structures of walls, and other industrial and similiar applications. Imaging and illumination 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 Video Stik is shipped with a protective case for storage. Accessory Mirror allows user to see 90 degrees to axis of the shaft. The Magnet accessory will pick up approx 1/4 lb.

SPECIFICATIONS

Shaft length . . . 36" Water resistant
Distal Tip Dia. . . 0.42" maximum
W / Accessories . . .0.46 maximum
Viewing Angle . . . 55 Degrees
Viewing Distance 0.4" to Infinity
Resolution 320 x 240 pixels
Viewing Monitor . . Color 2.5" LCD
Video out port . . .RCA - NTSC signal

Shaft Radius. 2.5" minimum
Power Alkaline AA batteries (4)
Battery Life 4 hrs
Storage Temp . . . -4F to 158F (-20 to +70)
Operating Temp . . 32F to 113F(0 to 45)
Accessories. Mirror and Magnet
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: Mirror and magnet accessories may detach if snagged or bumped abruptly.

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

DO NOT bend any part of the shaft tighter than a 2.5 inch radius (5 inch diameter).

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, lighting, and monitor on for viewing. Simply manipulate the shaft toward the area under investigation while viewing the monitor. The shaft can be formed to maneuver into more complex paths.

Mirror and Magnet Accessories - To attach accessories, tilt clip end of accessory against recess of distal tip and press into place. Rotate 90 deg. mirror for best view.

Video out port - The Video Stik provides an external NTSC video signal via an RCA phono jack. This signal can be utilized by a compatible monitor or recording device.

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 2**.

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 3**
- 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.



Fig 2



Fig 3



Fig 4



Fig 5

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.