

Product sheet

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INSTRUMENTS
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Model HDV-WTX1

Wireless Articulating Semi-Rigid Probe

For use with the HDV600 Borescope only

Thank you for purchasing this professional camera probe. This sheet covers the warning and specifications for the probe only. Instructions regarding the usage of the HDV600 Borescope are provided in the Borescope User Guide.

Note: The camera LEDs become warm when set to maximum intensity

CAUTION: For the Articulating Probe, do not operate the articulation knob with the probe in a coiled configuration. This will damage the articulation controls!

CAUTION: Always return the articulation and tension knobs to the neutral position before removing the probe from the inspection area.

The label on the probe provides the Serial Number and Part Number in the format shown below. Please do not remove this label; otherwise the warranty will be invalid.



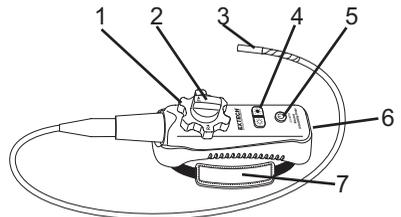
Part No.TX1 F/M/R (flex/macro/rigid) **Serial No:** HDV110001

Warnings

- Do not bend to a smaller diameter than 10cm (4")
- Warranty is invalid if stickers, tags, or labels are removed

Articulating Probe Description

1. Articulation knob
2. Articulation tension knob
3. Articulating camera
4. Light intensity buttons
5. Power button
6. AC Adaptor and extension cable sockets
7. Carrying strap



Articulation Setup and Orientation

The articulation direction and orientation may change if the probe is twisted and coiled during use or when stored. To re-orient the probe:

1. Place the extended probe on a flat surface
2. Set the tension "F" knob to the left or released position.
3. Set the articulation knob to the center position with the R Δ and Δ L labels in the horizontal position.
4. Manually adjust the probe and camera to the zero degree position.
5. Rotate the articulation knob clockwise for a 90° bend.
6. If necessary, manually adjust the probe so that the camera lays flat on the surface with a 90° articulation
7. Rotate the articulation knob counter-clockwise and confirm proper orientation.



Charging the Battery

The AC charger port and charging status LED are located in the bottom access compartment. Connect the charger to the probe and observe the color of the LED. Red indicates the battery is charging. Green indicates the battery is fully charged.

Note: The rechargeable battery is not user replaceable.

Specifications

Resolution	640 x 480 pixels
Length	1m (3.3')
Outer diameter (O.D.)	6mm (0.02")
Battery	3.7V rechargeable Li-Polymer
Focus distance	2 to 6cm (0.79 to 2.36")
Housing	Stainless Steel
Field of View	60°
Number of LEDs	4
Lamp Output	3500 Lux at 20mm
Operating Temperature	-20 to 70°C (-4 to 158°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
Warranty	1 year

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