

2.8mm Insertion Probe



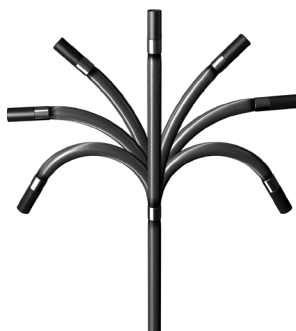
The 2.8mm insertion probe is designed for small entries and orifices. It is available for the X2000 videoscope and is a perfect addition for inspections of casting or machining parts or any application where a small diameter is needed.



Bright & Clear Images

The 2.8mm scope does not compromise between high image quality for a small diameter. Expect sharp & clear images. The bright LEDs let you see clearly in dark spaces, and the wide FOV offers a great overview. And no more blurry images, thanks to the 3mm - ∞ DOF range!

- Resolution: 800x800
- FOV: 120
- DOF: 3mm - ∞

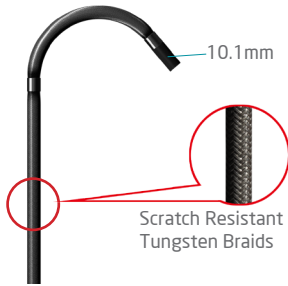


Precise Movements:

A short distal-end and four-way articulation ensure precise movements! Thanks to the small diameter, the bending radius is also small and allows you to reach your inspection target even in confined spaces.

- 4-Way Articulation
- 110° Bending Angle
- 10.1mm Probe Head Length

Tungsten Durability



The 2.8 mm dual view probe has a protective tungsten braided outer layer. The strength and density of tungsten extend the probe lifespan significantly and make it waterproof, heat and scratch-resistant.

- Tungsten-braided outer layer
- Waterproof (1m depth; 30min)
- 100°C heat resistance
- Unyielding to scratches and corrosion

Specifications

28D4W-F-TU-M	
Probe Head Diameter	2.8mm
Probe Head Length	10.1mm
Direction of View	Front
Illumination	Front LEDs
Field of View (FOV)	120°
Depth of Field (DOF)	3mm~∞
Still Image Resolution (.jpg)	800x800
Video Resolution (.mov)	800x800
Articulation angle	Full ways≥110°
Probe length	1.5m
Operating temperature	In air: -10~80°C, In water:10~30°C
Probe head material	Stainless Steel
Probe Material	Tungsten Braided
Joystick Buttons	Brightness+, Brightness-, snapshot / record
Lock and move	Joystick / Unlock switch on console
Dust and water proof	Joystick console: IP 54; Insert Tube: under water 1m for 30 minutes
Relative humidity	Max 95% non-condensing
Liquid resistance	Operable when exposed to machine oil, light oil or 5% saline solution
Rigid sleeve	OD: 6mm / ID: 5mm Protection: OD:8mm Extension joint ring: OD: 10mm Grip material Rubber/ Aluminum / Plastic; Tube material: Stainless steel



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