

Raysun FS series Visual Inspection Devices

- Ø Visual inspection for vehicle, boat, aircraft, manufacturer, building construction, container, door/window crack, small hole, secret cabin...etc, or dangerous place.
- Ø Compact and light weight, operating and carrying easily.
- Ø Ultra-slim, semi-rigid, controllable, rigid and flexible designs to suit for any requirement of circumstance.
- Ø Insertion pipeline/tube is water, oil and weak acid/alkali resistance.
- Ø Attached with light source for viewing clearly even in the dark areas.

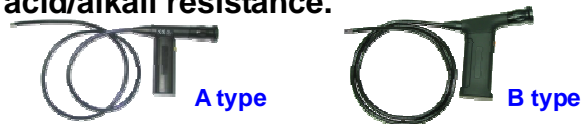
FS-T1A/B Ultra-slim Fiberscope

- Ø Ultra-Slim fiber pipeline, flexible winding.
- Ø Easy for operation and carrying.
- Ø Can be operated in coordination with camcorder (A type).
- Ø Insertion pipeline is water, oil and weak acid/alkali resistance.



FS-T2A/B Semi-rigid Fiberscope

- Ø Semi-rigid fiber pipeline, bendable manually.
- Ø Built-in LED light source.
- Ø Can be operated in coordination with camcorder & side viewing mirror, 90°.
- Ø Insertion pipeline is water, oil and weak acid/alkali resistance.



FS-T3 Controllable Fiberscope

- Ø 2-way articulation control.
- Ø Built-in light source and our optional powerful light source is available.
- Ø Can be operated in coordination with CCD camera & side viewing mirror, 90°.
- Ø Insertion pipeline is water, oil and weak acid/alkali resistance with insertion scale printed on the jacket's exterior for convenient determination of insertion



FS-T4 Rigid Fiberscope

- Ø Hard steel tube, for hard inserting into some particular circumstance.
- Ø Built-in LED light source and our optional powerful light source is available.
- Ø Can be operated in coordination with side viewing mirror, 90°.
- Ø Insertion tube is water, oil and weak acid/alkali resistance.



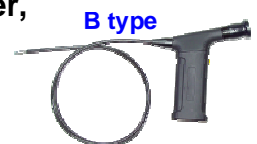
FS-T5A Flexible Fiberscope

- Ø Flexible winding fiber pipeline.
- Ø Metal handle; built-in LED light source and our optional powerful light source is available.
- Ø Can be operated in coordination with side viewing mirror, 90°.
- Ø Insertion pipeline is water, oil and weak acid/alkali resistance.



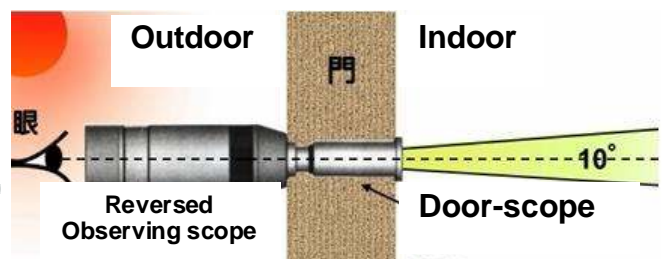
FS-T5B Flexible Fiberscope

- Ø Flexible winding fiber pipeline.
- Ø Plastic handle; built-in LED light source.
- Ø Can be operated in coordination with camcorder and side viewing mirror, 90°.
- Ø Insertion pipeline is water, oil and weak acid/alkali resistance.



Reversed observing scope

- Ø Reverse viewing through door-scope from outside of door
- Ø Dioptric correction: ±5.
- Ø Can be operated in coordination with camcorder
- Ø Weight: 50g.
- Ø As a 7x mini telescope when viewing from the other side.



Product No: JA-2007-02-1

& FS series specifications:

Type	Ultra-Slim		Semi-Rigid		Controlled	Rigid	Flexible		
Model	FS-T1		FS-T2		FS-T3	FS-T4	FS-T5		
Sort	A	B	A	B			A	B	
Optical system	Field of view	44°							
	Direction of view	Direct viewing							
	Illumination system	--	--	LED	LED	Light guide system	LED	LED	LED
	Water Resistance	--	--	√	√	√	√	√	√
Insertion tube	Outer diameter	Φ2.2mm	Φ2.2mm	Φ6.5mm	Φ7mm	Φ6.5mm	Φ7.0mm	Φ7.8mm	Φ6mm
Bending section	Angulations range	Pipeline flexible winding	Pipeline flexible winding	Pipeline manual bending	Pipeline manual bending	Mechanical control, Right/Left: 120°	--	Pipeline flexible winding	Pipeline flexible winding
Distal end	Outer diameter	Φ4.0mm	Φ4.0mm	Φ6.5mm	Φ7mm	Φ6.5mm	Φ7.0mm	Φ7.0mm	Φ6mm
Working length		980±20 mm	990±20 mm	1250±20 mm	1200±20 mm	1460±20 mm	510±20 mm	910±20 mm	1200±20 mm
Total length		1045±20 mm	1040±20 mm	1375±20 mm	1350±20 mm	1680±20 mm	600±20 mm	1010±20 mm	1350±20 mm
Power		--	--	AA *2	AA *3	CR123A *2	AA *1	AA *1	AA *3
Weight		70g±5%	20g±5%	320g±5%	270g±5%	505g±5%	207g±5%	270g±5%	230g±5%
Optical Adaptor (options)	Camcorder Adaptor	√	--	√	√	--	--	--	√
	C-mount Adaptor	--	--	--	--	√	--	--	--
	Side viewing mirror, 90°	--	--	√	√	√	√	√	√
ALS-75W Powerful light source (options)		--	--	--	--	√	√	√	--

Options:

- (1). Side viewing mirror, 90°
(for FS-T2, T3, T4 and T5)
- (2). ALS-75W Powerful light source
(for FS-T3, T4 and T5A)



- Anti terror -
- Assault -
- Exclude explosive -



ALS-75W Powerful light source

- Ø Can be operated in coordination with our several fiberscopes of FS-T3, T4 and T5A as the powerful light sources.
- Ø US GE lamp, high power 75W.
- Ø Rechargeable high capacity Ni-MH battery.
- Ø 60 minutes running time with low power indication.
- Ø Attached with 1M light conducting fiber bundles.
- Ø Dimension: 240 x 160 x 75mm
- Ø Weight: < 4Kg

