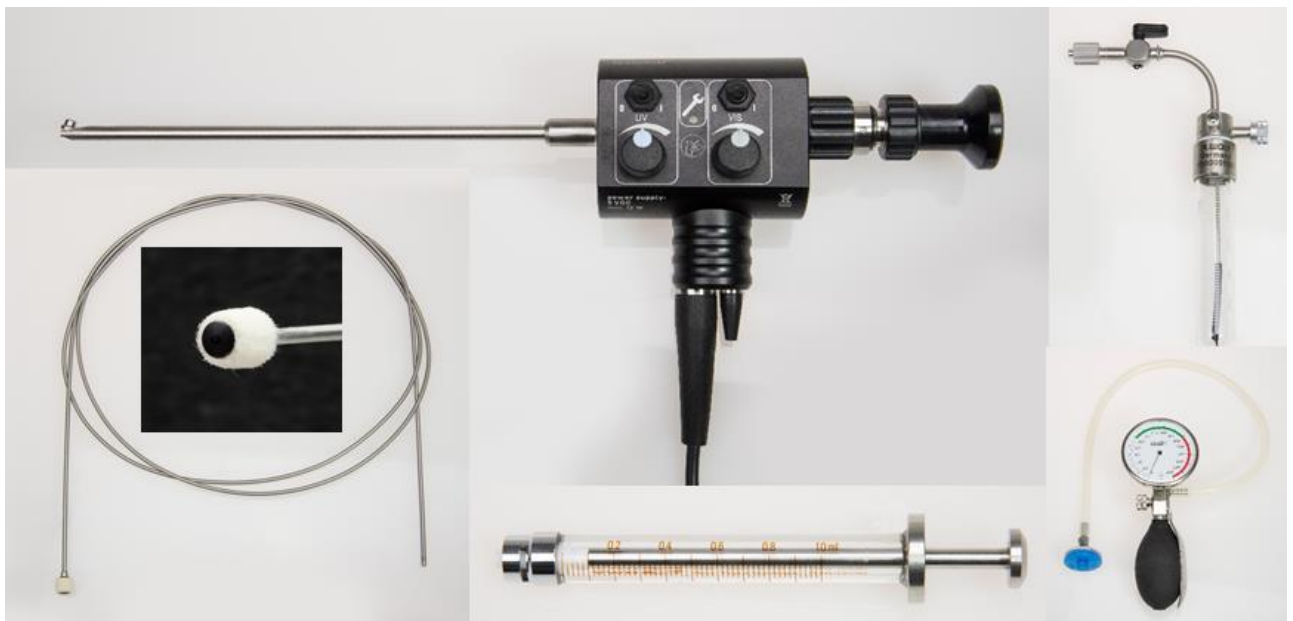


Richard Wolf

FPI Scope

Modular System Overview & Data



The Richard Wolf FPI Scope modular system is a borescope system for precise Fluorescent Penetrant Inspection of defined areas in remote spaces.

An operational unit of the Richard Wolf FPI Scope consists of:

1. FPI Scope with integrated UV and white light LEDs and integrated borescope (available for 2 working diameters and various working lengths)
or
FPI Probe with integrated UV LED and adapter for combining with a 4mm videoprobe (available for one working diameter and various working lengths)
2. Various applicators (highly flexible metal protected tubes with various dispensing tips) for applying liquids for cleaning, penetrating and other as well as for dry developing agents.
3. Dosing means for precision dosing of defined liquid microvolumes or for blowing dry powders with defined air blasts.
4. Power supply + accessories

Richard Wolf FPI Scopes



Type No.	Working Diameter	Working Length	DoV	FoV
960018 7765	6.0 mm	180 mm	70°	73°
960040 7765	6.0 mm	370 mm	70°	73°
975025 8765	7.5 mm	250 mm	70°	84°
975036 8765	7.5 mm	360 mm	70°	84°
975048 8765	7.5 mm	480 mm	70°	84°

Richard Wolf FPI Probes



Type No.	Working Diameter	Working Length
975025 0010	7.5 mm	250 mm
975036 0010	7.5 mm	360 mm
975048 0010	7.5 mm	480 mm

Flex Scope Adapter



Type No.	For FPI Probe diameter	Matching Videoscope Diameter
975000 9901	7.5 mm	3.8 – 4.0mm

Applicators & Spare Parts for Liquid Applications



Type No.	Type	For Working Diameter	Working Length	Tube connector needed
960120 1100	Cleaning Applicator	6.0mm	1200mm	Tube Connector 3
975120 1100	Cleaning Applicator	7.5mm	1200mm	Tube Connector 3
975200 1100	Cleaning Applicator	7.5mm	2000mm	Tube Connector 3
960120 2110	Penetrant Applicator	6.0mm	1200mm	Tube Connector 3
975120 2110	Penetrant Applicator	7.5mm	1200mm	Tube Connector 3
975200 2110	Penetrant Applicator	7.5mm	2000mm	Tube Connector 3
960120 1101	Rinsing Tube	6.0mm	1200mm	Tube Connector 3
975120 1101	Rinsing Tube	7.5mm	1200mm	Tube Connector 3
975200 1101	Rinsing Tube	7.5mm	2000mm	Tube Connector 3
960120 1102	Flushing Tube	6.0&7.5mm	1200mm	Tube Connector 12
960200 1102	Flushing Tube	6.0&7.5mm	2000mm	Tube Connector 12
960000 2112	FPI Felt Spare Pack	6.0mm		
975000 2112	FPI Felt Spare Pack	7.5mm		
960000 1102	Cleaning Felt Spare Pack	6.0&7.5mm		
960000 1101	O-Ring Spare Pack	6.0&7.5mm		
900000 1003	Tube Connector 3			
900000 1012	Tube Connector 12			

Micro-Dosing Means for Liquids



Type No.	Type	Material	Volume
9 00000 2001	Precision Syringe	Glass/Stainless Steel	1 ml
9 00000 2002	Precision Syringe	Glass/Stainless Steel	10ml
9 00000 2003	Syringe	Synthetic	50ml

Spraying Means for Liquids



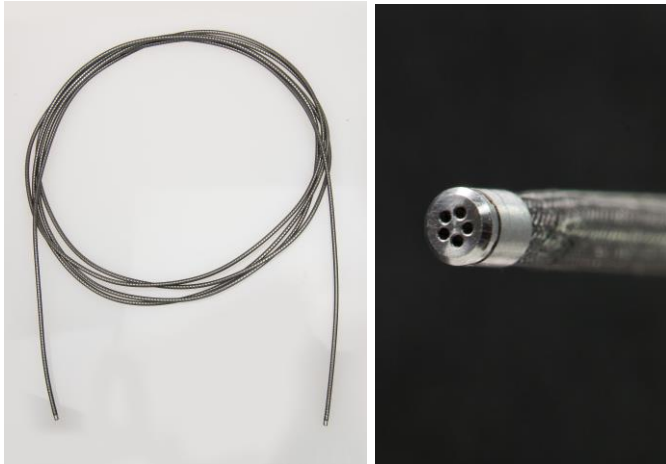
Type No.	Type	Material
9 00000 1101	Cleaning Spray Nozzle	Stainless Steel
9 00000 1102	Cleaning Spray Reservoir	Glass/Stainless Steel

Clamp Holder



Type No.	For FPI Probe diameter	Matching Videoscope Diameter
9 00000 1002	7.5 mm	3.8 – 4.0mm

Applicators for Dispensing Dry Powders



Type No.	Type	For Working Diameter	Working Length	Tube connector needed
9 00120 3100	Powder Applicator	6.0&7.5mm	1200mm	Tube Connector 12
9 00200 3100	Powder Applicator	6.0&7.5mm	2000mm	Tube Connector 12
9 00000 1012	Tube Connector 12			

Dosing Means for Powders



Type No.	Type	Description
9 00000 3300	Powder Dispenser	Reservoir for powders, connects to powder applicators
9 00000 3201	Precision Air Blower	Pressure preset with manometer control, release valve
9 00000 3202	Air Blower	Rubber ball

Power Supply and Accessories



Type No.	Type	Function
9 00005 0001	USB Power Adapter	Input: 100-240VAC Output: 5VDC 12W
9 00005 0002	World Adapter Kit	For USB Power Adapter
9 00005 0010	Power Cable	Connects FPI Scopes & FPI Probes to USB (min. 12W)
9 00000 1003	Tube Connector 3	
9 00000 1012	Tube Connector 12	
5 00600 10	Probe Guide Sleeve 10mm	Distal Support for Applicators
5 00600 20	Probe Guide Sleeve 20mm	Distal Support for Applicators
5 00600 30	Probe Guide Sleeve 30mm	Distal Support for Applicators
5 00600 40	Probe Guide Sleeve 40mm	Distal Support for Applicators
5 00600 50	Probe Guide Sleeve 50mm	Distal Support for Applicators
3 13009 91	System Case 1 for FPI Scopes	