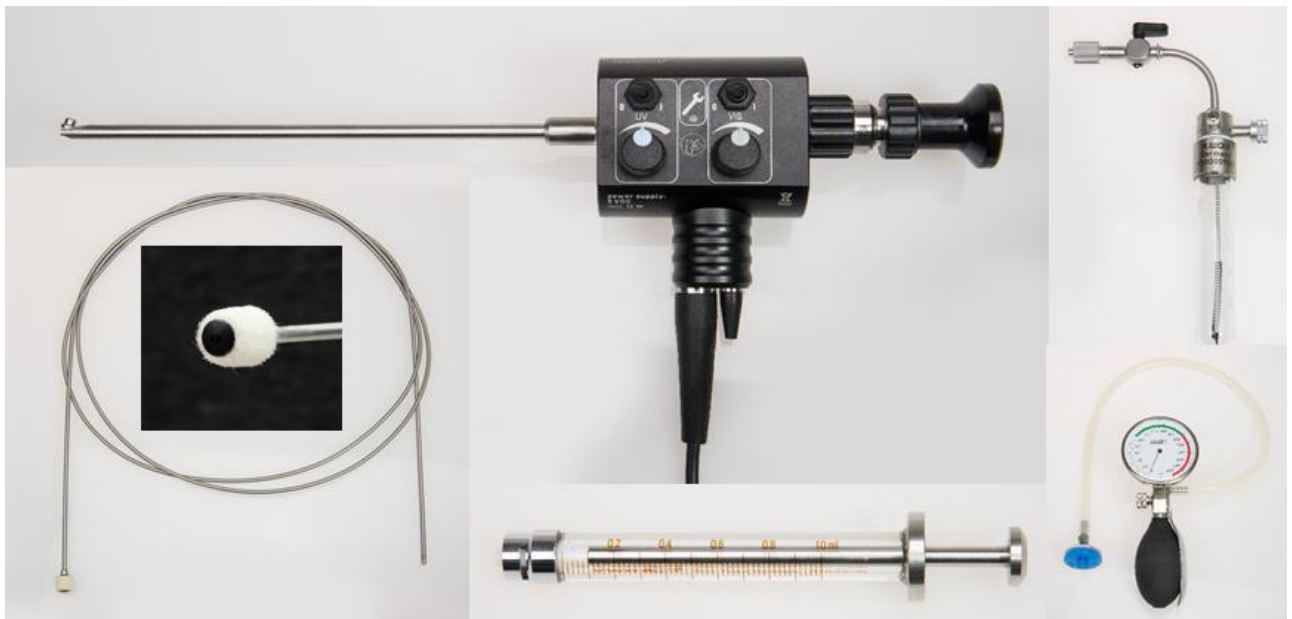


Richard Wolf

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



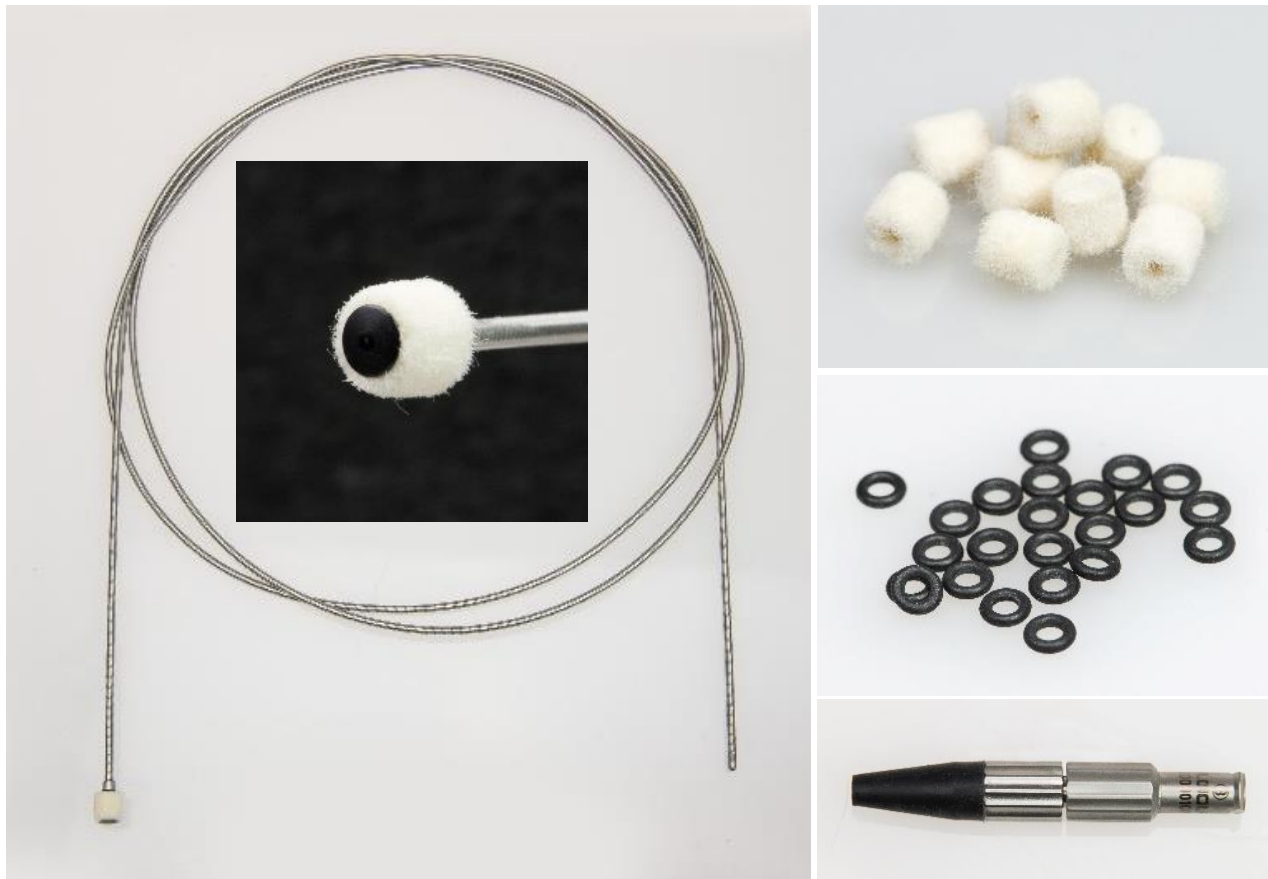
| Type No. | Working Diameter | Working Length |
|-------------|------------------|----------------|
| 975025 0010 | 7.5 mm | 250 mm |
| 975036 0010 | 7.5 mm | 360 mm |
| 975048 0010 | 7.5 mm | 480 mm |

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



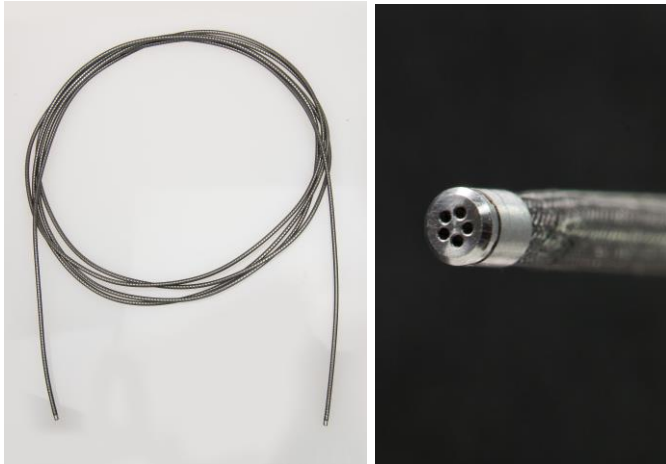
| Type No. | Type | Material |
|--------------|--------------------------|-----------------------|
| 9 00000 1101 | Cleaning Spray Nozzle | Stainless Steel |
| 9 00000 1102 | Cleaning Spray Reservoir | Glass/Stainless Steel |

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 |



Представительство Richard Wolf aerospace applications в России и СНГ

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