

[Olympus IPLEX RT Specs](#)
Provided by www.AAATesters.com

Remote Visual Inspections



- Videoscopes
- Fiberscopes
- Rigid Borescopes
- Miniboscopes
- Light sources
- Accessories

Olympus Industrial Endoscopes Satisfy Various Demands for Remote Visual Inspections in Diverse Industries.

Olympus is a world-renowned leader in remote visual inspection technology with a comprehensive portfolio of industrial endoscopes that facilitate accurate inspections of small, enclosed spaces. These endoscopes can be used for a wide range of industries and applications.

Application examples

■ Aerospace

Airframe examinations, inspection of turbine blades and combustion chambers, and research, development and production of rocket engines.

■ Power Generation

Maintenance of heat exchanger pipes, condensers, piping and turbines in nuclear/ thermal power generation plants, and gearboxes of wind power generation facilities.

■ Oil/Gas/Chemical Plants

Routine and urgent inspection of process piping, pressured storage reservoirs, heat exchangers, boilers, etc.

■ Automotive

Quality control examination of engines, hydraulic components, injection nozzles, as well as final inspection of assemblies.

■ Defense/Security

Maintenance of military aircraft, as well as for detection of narcotics and other contraband items, and search of victims who may be trapped as the result of various disasters.

■ Architecture/Construction

Examination of walls, ducts, structural joints of bridges and constructions.

■ Manufacturing

Monitoring operation of equipment and factory automation through automatic inspection and positioning, as well as R&D applications.



| | |
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A Variety of Lineup to Suit Your Specific Requirements

Industrial Videoscopes

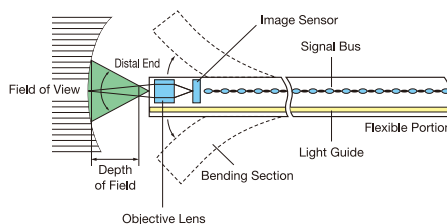
Compact endoscope systems with exceptional functionality, simple operation, and proven durability.

Industrial endoscopes feature a high-resolution image sensor positioned at the objective end, and matched to our precision lenses to deliver bright, colour-rich images. Advanced LED or laser diode illuminations provide optimum brightness to the inspection area. The compact and lightweight videoscopes achieve high quality inspections at any site, featuring versatile functionality and proven reliability under demanding circumstances.

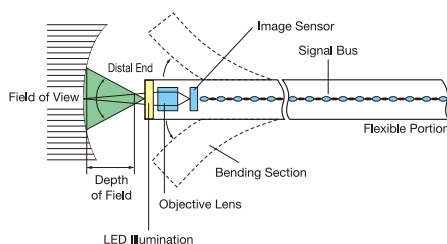


Structural Drawing

► IPLEX NX/ IPLEX RX/ IPLEX RT/ IPLEX YS/ IPLEX TX



► IPLEX UltraLite/ Series C

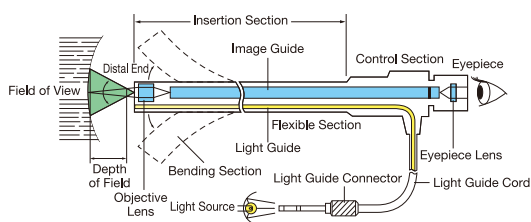


Industrial Fiberscopes

Flexible endoscopes for simple observations through an eye piece. Observation on a monitor is available by connecting to a CCD camera.



► Industrial Fiberscopes

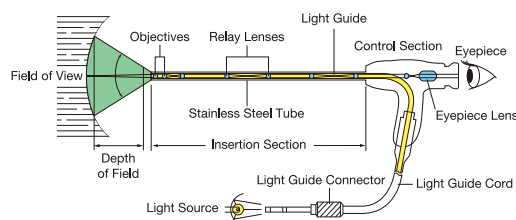


Industrial Rigid Borescopes

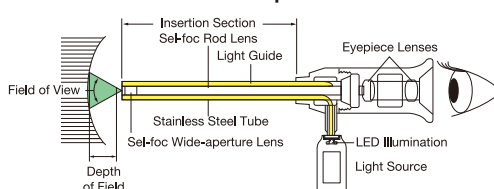
Where straight-line access to the inspection area is possible, providing effective and cost-efficient inspections.



► Standard Rigid Borescopes/ Swing-prism Borescopes/ Zoom Swing-prism Borescopes/ Engine Borescopes



► MK Modular Mini-Scopes



Industrial Videoscope Series

Flagship of Industrial Videoscopes

IPLEX NX

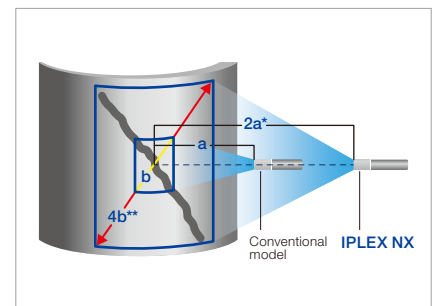
φ4.0、6.0 L=3,500 to 7,500 mm

Allows for precise inspection with clear and fine view Upgraded Stereo measurement capability.



Features

- Multi position design for various usage environments
- Touch screen allows for quick operation
- Super wide field stereo measurement



* Even if the measurement is performed from two times further away, IPLEX NX is as precise as a conventional model. According to OLYMPUS internal survey.

** When using a 6.0 mm scope with direct-viewing stereo optical adaptor, the diagonal length of the inspection area of IPLEX NX is almost 4times of the conventional model.

IPLEX NX Specifications

Scope Unit

| Model No. | | IV9435N | IV9450N | IV9635N | IV9650N | IV9675N |
|----------------------|---|--|---------|---------|---------|---------|
| Insertion tube | Scope diameter | ø4.0 mm | | | | |
| | Scope length | 3.5 m | 5.0 m | 3.5 m | 5.0 m | 7.5 m |
| | Exterior | High-durability tungsten braid | | | | |
| Optical system | Field of view | Selectable by optical adaptor. Adaptor for stereo measurement attachable | | | | |
| | Direction of view | | | | | |
| Illumination | | High-intensity laser diode illumination | | | | |
| Articulation section | Articulation angle up/down/ right/ left | 130° | | 180° | | 150° |
| | Articulation operation | TrueFeel scope tip articulation with electric power-assistance | | | | |

Base Unit (IV9000N)

| Dimensions(W x H x D) | | 320(W) x 310(H) x 180(D) mm | | | | |
|--|------------------|---|--------|----------------------|--------|--------|
| Approx. system weight (with battery and SDHC card) | | 7.1 kg | 7.2 kg | 7.3 kg | 7.4 kg | 7.5 kg |
| Temperature sensor | | 2-stage indicator for high temperature warning | | | | |
| LCD monitor | | 8.4 inch daylight view, touch screen LCD, clear type | | | | |
| Input/Output terminal | | Input terminal: S-video Output terminal: VGA | | | | |
| USB connector | | Type A connector, Version 2.0 standards | | | | |
| Image manipulations | | 5X digital zoom, 10 step brightness control | | | | |
| Gain control | | 2 step WIDER brightness level balancing technology | | | | |
| Power supply | | Battery: 14.8 V nominal, approx. 100-minute operating time AC power: 100 V to 240 V, 50/60 Hz (with supplied AC adaptor) | | | | |
| Recording media | | SD/SDHC card and USB flash drive (still image recording only) | | | | |
| Still image recording | Resolution | H768 x V576 (Pixel) | | H1024 x V768 (Pixel) | | |
| | Recording format | Compressed JPEG format | | | | |
| Movie Recording | Resolution | H768 x V576 (Pixel) | | H1024 x V768 (Pixel) | | |
| | Recording format | AVI format MPEG-4 AVC/H.264 compressed | | | | |
| Stereo Measurement (Optional) | | Distance, Point-to-line, depth and Area/ Lines | | | | |

Standard Unit for Comfortable Operation

IPLEX RX/RT

φ4.0, 6.0 L=2,000 to 7,500 mm

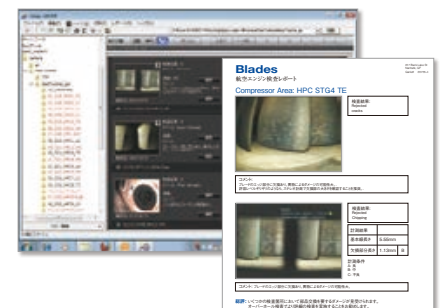


Small and light-weight design for comfortable operation at the site.



Features

- Compact and portable design
- Comfortable operation with shoulder strap
- InHelp inspection assist software



Wireless LAN capability ready
*Operation confirmed with TOSHIBA FlashAir wireless LAN SD card.

IPLEX RX/RT Specifications

Scope Unit

| Model No. | IPLEX RX | IV9420RX | IV9435RX | IV9620RX | IV9635RX | IV9650RX | IV9675RX | IV96100RX |
|--|----------------|--------------------------------|----------|----------|----------|----------|----------|-----------|
| | IPLEX RT | IV9420RT | IV9435RT | IV9620RT | IV9635RT | IV9650RT | IV9675RT | IV96100RT |
| Insertion tube | Scope diameter | φ4.0 mm | | | φ6.0 mm | | | |
| | Scope length | 2.0 m | 3.5 m | 2.0 m | 3.5 m | 5.0 m | 7.5 m | 10.0 m |
| | Exterior | High durability tungsten braid | | | | | | |
| Articulation angle Up/ Down/ Right/ Left | | 130° | | 150° | 130° | 120° | 100° | (*) |

* 60 degree as reference value.

Handheld Control Unit

| | IPLEX RX | IPLEX RT |
|--------------------|--|----------|
| Temperature sensor | 2-stage indicator for high temperature warning | — |
| Illumination | High-intensity LED illumination | |
| Dimensions | 365(W) × 192(H) × 93(D) mm | |
| Weight | Approx. 1.0 kg | |

Main Unit

| | | | | | | | | |
|--------------------------------------|---|-------------------------------|--------|--------|--------|--------|--------|--|
| Dimensions (W x H x D) | 227(W) × 189 (H) × 64(D) mm | | | | | | | |
| Approx. system weight (with battery) | 2.9 kg | 3.0 kg | 3.1 kg | 3.2 kg | 3.3 kg | 3.5 kg | 3.7 kg | |
| LCD monitor | 6.5 inch daylight view LCD, anti-reflective type | | | | | | | |
| Power Supply | Battery: 10.8 V nominal, approx. 120-minute operation time AC power: 100 V to 240 V, 50/60 Hz (with supplied AC adaptor) | | | | | | | |
| Video output standard | VGA | | | | | | | |
| USB connector | Type A connector, Version 2.0 standards | | | | | | | |
| Image manipulations | 5X digital zoom, 10 step brightness control | | | | | | | |
| Gain control | 3 step adjustable gain control with exclusive WIDER brightness level balancing technology | | | | — | | | |
| Sharpness control | 4 step adjustable sharpness control | | | | — | | | |
| Saturation control | 3 step adjustable control of color saturation | | | | — | | | |
| Recording media | USB flash drive (1 GB standard, compatible with recommended USB flash device) | | | | | | | |
| Still image recording | Resolution | H768 × V576 (Pixel) | | | | | | |
| | Recording format | Compressed JPEG format | | | | | | |
| | Size of a single image | Approx. 300 KB | | | | | | |
| Movie Recording | Resolution | H640 × V480 (Pixel) | | | | | | |
| | Recording format | AVI format MPEG-4 compression | | | | | | |
| | Size of files | Approx. 500 KB per second | | | | | | |
| Stereo measurement (Optional) | Distance, Point-to-line, depth and Area/ Lines | | | | | | | |

URL: <http://www.olympus-ims.com/en/rvi-products/iple-rx/>
For more information: Please see individual product brochure.

Industrial Videoscope Series

Multi-function Unit in Compact Body

IPLEX UltraLite

φ4.0, 6.0 L=2,000, 3,500 mm



Features

- Multi-function should be Palm-sized design.
- Stereo measurement available (stereo tip adaptor required).
- Operable in harsh environment.

IPLEX UltraLite Specifications

Scope Unit

| Model No. | IV8420U | IV8435U | IV8620U | IV8635U |
|----------------------|------------------------|--------------------------------|---------|-------------|
| Insertion tube | Scope diameter | ø4.0 mm | | ø6.0 mm |
| | Scope length | 2.0 m | 3.5 m | 2.0 m 3.5 m |
| | Exterior | High durability tungsten braid | | |
| Weight | 700 g | 760 g | 800 g | 900 g |
| Articulation section | Articulation angle | 130° | | 120° |
| | Articulation operation | Joystick controlled | | |

Main Unit

| | | |
|------------------------------|---|------------------------------------|
| Dimensions | 120(W) × 190(H) × 190(D) mm | |
| Temperature sensor | 2-stage indicator for high temperature warning | |
| Illumination | Ultra-high intensity LED illumination | |
| LCD monitor | 3.7 inch LCD monitor | |
| Power supply | Battery: 7.2 V approx. 70 minute operating time AC power: 100 V to 240 V, 50/ 60 Hz (with supplied AC adaptor) | |
| USB connector | Type A connector, Version 2.0 standards | |
| Harsh Environment Resistance | Rain and dust proof (compliant with IP55), drop proof | |
| Image Manipulations | 5X digital seamless zoom. 10 step digital brightness control | |
| Recording Media | SD/ SDHC card (4 GB standard) | |
| Still Image Recording | Resolution | H640 × V480 (Pixel) |
| | Recording format | Compressed JPEG format |
| | File size | Approx. 300 KB |
| Movie Recording | Resolution | H640 × V480 (Pixel) |
| | Recording format | AVI format Xvid MPEG-4 compression |
| | File size | Approx. 600 KB per second |

URL: <http://www.olympus-ims.com/en/rvi-products/iplex-ultralite/>

Ultra-thin Videoscope

IPLEX TX

φ2.4 L=1,200 mm



Features

- The ultra-thin 2.4 mm diameter videoscope with articulation.
- Operable in harsh environment.
- Detachable scope unit.
- Bright and clear images using unique WIDER image processing.

Optional product

Protective braid

Special product for IPLEX TX

Covers the IPLEX TX insertion tube providing additional protection when used in very coarse environments.



IPLEX TX Specifications

Scope Unit

| Model No. | IV8212T | |
|----------------------|----------------------------|--|
| Weight | 0.2 kg | |
| Insertion Tube | Scope diameter | ø2.4 mm |
| | Scope length | 1.2 m |
| | Exterior | High durability resin tube with special processing |
| Optical system | Direction of view | Direct view |
| | Field of view | 80° |
| | Depth of view | 3 to 70 mm |
| | Illumination | Ultra high intensity LED light |
| Articulation section | Articulation angle up/down | 135° |

Main Unit

| Model No. | IV8200T | |
|-----------------------|---|--|
| Weight | 1.7 kg with battery | |
| Dimensions | Body: 227(W) × 189(H) × 64(D) mm Including protrusions: 239(W) × 215(H) × 99(D) mm | |
| Control unit | Weight | 0.3kg |
| | Dimensions | 49(W) × 334(H) × 59(D) mm |
| LCD monitor | 6.5 inch VGA daylight view monitor | |
| Power supply | Battery: 10.8 V nominal, Approx. 120 minute operating time AC power: 100 V to 240 V, 50/60 Hz (with supplied AC adaptor) | |
| Video signal output | Composite RCA | |
| USB connector | Type A connector, Version 2.0 standards | |
| Image manipulation | Zoom/ brightness control | Digital seamless zoom (x0.5 to x2.0) 8step digital brightness control |
| | Gain control | WIDER |
| Recording media | USB flash drive | |
| Still image recording | Resolution | H640 × V480 (Pixel) |
| | File format | Compressed JPEG format (Exif 2.1 compliant) |
| | File size | Approx. 300 KB |
| Movie recording | Resolution | H640 × V480 (Pixel) |
| | File format | AVI format MPEG-4 compression |
| | File size | Approx. 500 KB per second |

URL: <http://www.olympus-ims.com/en/rvi-products/iplex-tx/>
For more information: Please see individual product brochure.

Pneumatic Pressure Anguration Control in 30m Working Length

IPLEX YS

φ8.5 L=30,000 mm



IPLEX YS Specifications

Scope unit

| Model No. | Scope diameter | Scope length | Scope exterior | Articulation angle |
|------------------------|---|--------------|--------------------------------|--------------------|
| IV88300Y | ø8.5 mm | 30 m | High durability tungsten braid | 60° |
| Articulation operation | Pneumatic control | | | |
| Illumination | Laser diode illumination | | | |
| Gravity sensor | Indicating gravity directions of the scope tip | | | |
| Lens cleaning function | Cleaning fine drip and dust on the scope top blowing by air | | | |

Main Unit

| | | | |
|------------------------|--|--|--|
| Dimensions | 472(W) × 522(H) × 380(D) mm | | |
| Weight | Approx. 26 kg | | |
| LCD monitor | 6.5 inch VGA daylight view monitor | | |
| Power supply | Battery: 14.8 V approx. 120 minute operating time. AC power: 100 V to 240 V, 50/ 60 Hz (with supplied AC adaptor) | | |
| Air supply | CO2 cartridge or air compressor | | |
| Input/ Output terminal | Video signal output | BNC × 1, S video terminal × 1 | |
| | Audio signal input | ø3.5 mm monaural mini jack | |
| | USB connector | Type A connector, version 2.0 standards | |
| Recording media | CF card: 1 to 4 GB Recommended USB flash drive | | |
| Internal memory | 1 GB | | |
| Still image recording | Resolution | H640 × V480 (Pixel) | |
| | Recording format | Compressed JPEG format Exif 2 compliant TIFF (TIFF-YS) | |
| Movie recording | Resolution | NTSC: 320 × 240/640 × 480 | |
| | Recording format | AVI format Motion JPEG compression rate fixed | |
| Voice recording | Recording format | WAV format (maximum 60 second) | |

Features

- Revealing a location of target with gravity sensor



Display gravity direction (Blue color: up side)



- Air jet blows away dust on the scope tip



- Air pressure articulation function



URL: <http://www.olympus-ims.com/en/rvi-products/iplex-ys/>

IPLEX NX, RX,RT

Long Scopes

φ6.0 L=5,000 to 10,000 mm

IPLEX Long Scopes Main Specifications

| | IPLEX NX | IPLEX RX | IPLEX RT |
|----------------------------|-------------|---------------|---------------|
| Monitor size | 8.4 inch | 6.5 inch | |
| Interchangeable scope unit | Available | Not available | |
| Illumination | Laser diode | LED | |
| Wider function | | Available | Not available |
| Stereo measurement | | Available | Not available |
| Maximum length of scope | 7.5 m | 10 m | |

Features

- Maximum 10m scope in portable body.
- Available remote control articulation.
- All weather resistance with rugged body.
- Stereo measurement available. (stereo tip adaptor required)



IPLEX RX/RT

URL: <http://www.olympus-ims.com/en/rvi-products/iplex-long/>
For more information: Please see individual product brochure.

Industrial Videoscope Series

Smarter Insights Entry-level Scope

Series C

ø6.2 L=2,000 mm



Series C Specifications

Main unit

| | | |
|-----------------------------|--|--|
| Insertion tube | Scope diameter | ø6.2 mm |
| | Articulation angle up/ down/ right/ left | 120° |
| Control section | length | 2 m |
| | Dimensions | 98(W) × 209(H) × 89(D) mm (without insertion tube and cable) |
| Optical system | Field of view | 90° |
| | Depth of view | 12 to 150 mm |
| Weight | Include battery | Approx. 735 g |
| LCD monitor | 3.0 inch touch screen wide LCD monitor | |
| Zoom and brightness control | 3x digital zoom, 8 step digital brightness control | |
| | Recording media | SD/SDHC card (4-32GB) |
| Power supply | Battery: 7.2 V (approx 120minute operation) | |
| | AC power: | 100 V to 240 V, 50/60 Hz (with supplied AC adaptor) |
| Input/ Output terminal | USB connector | USB MiniB |
| | Video signal output | HDMI mini (Type C) |
| Still image recording | Picture output | 720 × 480p (16:9), 60fps |
| | Resolution | H640 × V360 (Pixel) JPEG compression |
| Movie recording | H640 × V360 (Pixel) MP4 format MPEG-4 AVC/H.264compression | |

Features

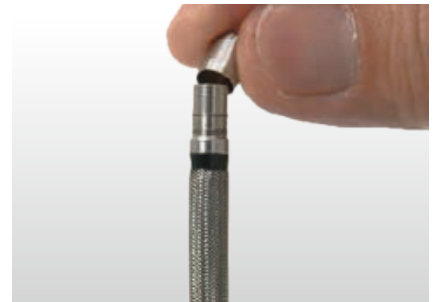
● Touch screen operation



● Flexible spring neck insertion tube



● Protection hood



URL: <http://www.olympus-ims.com/en/rvi-products/series-c/>

For Turbine and Generator Inspection

Internal Working Channel Scope

Features

- For turbine engine inspection.
- Retrieval tools available.
- Stereo measurement available.
- Wider image function.



Snare MAJ-1353 Alligator MAJ-1354 Basket MAJ-1355 Grasper MAJ-1356 Magnet-MAJ-1357



IPLEX FX

For more information: Please see individual product brochure.

Optical Tip Adaptor for IPLEX Series

IPLEX NX

| | | Optical tip adaptor for 4.0 mm scopes | | | | | Stereo tip adaptors (4.0 mm) | | |
|--------------|---------------------------|---------------------------------------|-----------------|-----------------|-----------------|-----------------|------------------------------|-----------------|--|
| | | AT80D/FF-IV94N | AT120D/NF-IV94N | AT120D/FF-IV94N | AT100S/NF-IV94N | AT100S/FF-IV94N | AT70D/70D-IV94N | AT50S/50S-IV94N | |
| Optical unit | Field of view | 80° | 120° | 120° | 100° | 100° | 70°/70° | 50°/50° | |
| | Direction of view | Direct view | Direct view | Direct view | Side view | Side view | Direct view | Side view | |
| | Depth of field*1 | 35 to ∞ mm | 2 to 200 mm | 17 to ∞ mm | 2 to 15 mm | 8 to ∞ mm | 5 to 200 mm | 3 to 150 mm | |
| Distal end | Outer diameter*2 | ø4.0 mm | ø4.0 mm | ø4.0 mm | ø4.0 mm | ø4.0 mm | ø4.0 mm | ø4.0 mm | |
| | Rigid distal end length*3 | 20.1 mm | 20.2 mm | 20.1 mm | 22.9 mm | 22.9 mm | 22.3 mm | 26.7 mm | |

| | | Optical tip adaptor for 6.0 mm scopes | | | | | Stereo tip adaptors (6.0 mm) | | |
|--------------|---------------------------|---------------------------------------|----------------|-----------------|-----------------|-----------------|------------------------------|-----------------|-----------------|
| | | AT50D/FF-IV96N | AT80D/FF-IV96N | AT120D/NF-IV96N | AT120D/FF-IV96N | AT120S/NF-IV96N | AT120S/FF-IV96N | AT90D/90D-IV96N | AT70S/70S-IV96N |
| Optical unit | Field of view | 50° | 80° | 120° | 120° | 120° | 120° | 90°/90° | 70°/70° |
| | Direction of view | Direct view | Direct view | Direct view | Direct view | Side view | Side view | Direct view | Side view |
| | Depth of field*1 | 50 to ∞ mm | 20 to ∞ mm | 7 to 300 mm | 19 to ∞ mm | 4 to 150 mm | 20 to ∞ mm | 5 to 250 mm | 4 to 250 mm |
| Distal end | Outer diameter*2 | ø6.0 mm | ø6.0 mm | ø6.0 mm | ø6.0 mm | ø6.0 mm | ø6.0 mm | ø6.0 mm | ø6.0 mm |
| | Rigid distal end length*3 | 21.3 mm | 21.3 mm | 21.4 mm | 21.4 mm | 26.6 mm | 26.6 mm | 25.0 mm | 31.2 mm |

*1. Indicates the range over which the image can be viewed clearly. *2. The adaptor can be inserted into a 4.0 mm or 6.0 mm hole when it is mounted on the scope. *3. Indicates the length of the rigid portion at the scope's distal end when mounted.

IPLEX RX/RT

| | | Optical tip adaptor for 4.0 mm scopes | | | | | Stereo tip adaptors (4.0 mm/ 6.0 mm) | | | |
|--------------|---------------------------|---------------------------------------|----------------|----------------|----------------|----------------|--------------------------------------|----------------|----------------------------|----------------|
| | | AT80D/FF-IV94 | AT120D/NF-IV94 | AT120D/FF-IV94 | AT100S/NF-IV94 | AT100S/FF-IV94 | AT50D/50D-IV94 | AT50S/50S-IV94 | AT60D/60D-IV96 | AT60S/60S-IV96 |
| Optical unit | Field of view | 80° | 120° | | 100° | | 50°/50° | | 60°/60° | |
| | Direction of view | Direct view (Forward view) | | | Side view | | Direct view (Forward view) | Side view | Direct view (Forward view) | Side view |
| | Depth of field*1 | 35 to ∞ mm | 2 to 200 mm | 17 to ∞ mm | 2 to 15 mm | 8 to ∞ mm | 5 to ∞ mm | 4 to ∞ mm | 5 to ∞ mm | 4 to ∞ mm |
| Distal end | Outer diameter*2 | ø4.0 mm | | | | | ø4.0 mm | | ø6.0 mm | |
| | Rigid distal end length*3 | 19.0 mm | | | 21.7 mm | | 24.3 mm | 28.4 mm | 24.9 mm | 31.3 mm |

| | | Optical tip adaptor for 6.0 mm scopes | | | | | | | | | |
|--------------|---------------------------|---------------------------------------|---------------|---------------|----------------|----------------|------------|----------------|----------------|--|--|
| | | AT40D-IV96 | AT80D/NF-IV96 | AT80D/FF-IV96 | AT120D/NF-IV96 | AT120D/FF-IV96 | AT80S-IV96 | AT120S/NF-IV96 | AT120S/FF-IV96 | | |
| Optical unit | Field of view | 40° | 80° | | 120° | | 80° | 120° | | | |
| | Direction of view | Direct view (Forward view) | | | | | Side view | | Side view | | |
| | Depth of field*1 | 200 to ∞ mm | 9 to ∞ mm | 35 to ∞ mm | 2 to 200 mm | 19 to ∞ mm | 15 to ∞ mm | 1 to 25 mm | 3 to ∞ mm | | |
| Distal end | Outer diameter*2 | ø6.0 mm | | | | | | | | | |
| | Rigid distal end length*3 | 18.4 mm | 18.9 mm | 18.8 mm | 18.9 mm | 18.8 mm | 24.2 mm | | | | |

*1. Indicates the range over which the image can be viewed clearly. *2. The adaptor can be inserted into a 6.0 mm or 4.0 mm hole when it is mounted on the scope. *3. Indicates the length of the rigid portion at the scope's distal end when mounted.

IPLEX FX/UltraLite

| | | Optical tip adaptor for 4.0 mm scopes | | | | Stereo tip adaptors (4.0 mm/ 6.0 mm) | | | | |
|--------------|---------------------------|---------------------------------------|----------------|----------------|----------------|--------------------------------------|----------------|----------------|----------------|-----------|
| | | AT120D/NF-IV84 | AT120D/FF-IV84 | AT120S/NF-IV84 | AT120S/FF-IV84 | AT50D/50D-IV84 | AT50S/50S-IV84 | AT60D/60D-IV86 | AT60S/60S-IV86 | |
| Optical unit | Field of view | | 120° | | | 50°/50° | | 60°/60° | | |
| | Direction of view | Direct view (Forward view) | | | Side view | | Direct view | Side view | Direct view | Side view |
| | Depth of field | 4 to 190 mm | 25 to ∞ mm | 1 to 20 mm | 6 to ∞ mm | 5 to ∞ mm | 4 to ∞ mm | 5 to ∞ mm | 4 to ∞ mm | |
| Distal end | Outer diameter*1 | ø4.0 mm | | | | ø6.0 mm | | | | |
| | Rigid distal end length*2 | 19.7 mm | 19.6 mm | 22.2 mm | | 25.0 mm | 28.8 mm | 25.9 mm | 32.2 mm | |

| | | Optical tip adaptor for 6.0 mm scopes | | | | | | | | | |
|--------------|---------------------------|---------------------------------------|---------------|---------------|----------------|----------------|------------|----------------|----------------|--|--|
| | | AT40D-IV86 | AT80D/NF-IV86 | AT80D/FF-IV86 | AT120D/NF-IV86 | AT120D/FF-IV86 | AT80S-IV86 | AT120S/NF-IV86 | AT120S/FF-IV86 | | |
| Optical unit | Field of view | 40° | 80° | | 120° | | 80° | 120° | | | |
| | Direction of view | Direct view (Forward view) | | | | | Side view | | Side view | | |
| | Depth of field | 200 to ∞ mm | 8 to ∞ mm | 35 to ∞ mm | 4 to 190 mm | 25 to ∞ mm | 18 to ∞ mm | 1 to 25 mm | 5 to ∞ mm | | |
| Distal end | Outer diameter*1 | ø6.0 mm | | | | | | | | | |
| | Rigid distal end length*2 | 19.8 mm | | | | | | 25.2 mm | | | |

*1. The adaptor can be inserted into a 4.0 mm or 6.0 mm hole when it is mounted on the scope. *2. Indicates the length of the rigid portion at the scope's distal end when mounted.

IPLEX YS

| | | Optical tip adaptor | | | | Stereo tip adaptors | | |
|--------------|---------------------------|----------------------------|-----------------|-----------------|-----------------|---------------------|-----------------|-----------|
| | | AT120D/NF-IV88Y | AT120D/FF-IV88Y | AT120S/NF-IV88Y | AT120S/FF-IV88Y | AT60D/60D-IV88Y | AT60S/60S-IV88Y | |
| Optical unit | Field of view | 120° | | | | 60°/60° | | |
| | Direction of view | Direct view (Forward view) | | | Side view | | Direct view | Side view |
| | Depth of field*1 | 4 to 190 mm | 25 to ∞ mm | 1 to 25 mm | 5 to ∞ mm | 5 to ∞ mm | 4 to ∞ mm | |
| Distal end | Outer diameter*2 | ø8.5 mm | | | | | | |
| | Rigid distal end length*3 | 30.7 mm | | 35.6 mm | | 36.9 mm | 39.6 mm | |

*1. Indicates the range over which the image can be viewed clearly. *2. The adaptor can be inserted into a 8.5 mm hole when it is mounted on the scope. *3. Indicates the length of the rigid portion at the scope's distal end when mounted.

Videoscope operating environment

| | IPLEX NX | IPLEX RX | IPLEX RT | IPLEX UL | IPLEX YS | IPLEX TX | Series C | Channel scopes |
|--------------------|--------------|---------------|----------|---------------|------------------|--------------|------------|----------------|
| Temperature | In the air | -25 to 100 °C | | -25 to 100 °C | | -25 to 80 °C | | -25 to 100 °C |
| | In the water | | | 10 to 30 °C | | | | Not in use |
| Operation humidity | | | | | 15 to 90 % | | | |
| Liquid resistance | | | | | All parts* | | | |
| Water resistance | | | | | Water resistance | | Not in use | |

* Operable when exposed to machine oil, light oil or 5 % saline solution.

Industrial Fiberscopes

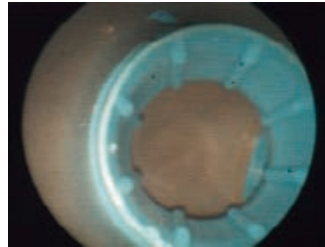
Traditional General Scopes

IF Series (Industrial Fiberscopes)

φ0.64~11.3 L=490 to 3,000 mm

Features

- Minimum φ0.64 mm diameter scope.
- Available image recording with digital camera or CCD video camera.
- Interchangeable optical adaptors are available over 5.0 mm scopes.



IF series specifications

| | IF6PD4 | IF2D5 | IF4D5/4S5 | IF5D4X1 | IF6C5X1 | IF8C5 | IF11C5 |
|--------------------|-------------|--------------|--------------------------|--------------------|-------------------------------|-----------------------|-----------------------|
| Outer diameter | φ0.64 | φ2.4 | φ4.1 | φ5.0 | φ6.0 | φ8.4 | φ11.3 |
| Scope length(mm) | 490/990 | 600/1,170 | 700/1,500 | 1,200 | 800/1,300/ 2,000/3,000 | 1,000/2,000/3,000 | |
| Articulation | — | Up/ Down | Up/ Down | Up/ Down | Up/ Down/ Right/ Left | Up/ Down/ Right/ Left | Up/ Down/ Right/ Left |
| Articulation angle | — | Up-Down 120° | | | Up-Down 120°, Right-Left 100° | | |
| Direction of view | Direct view | | Direct view/ Side view | Adaptor changeable | | | |
| Depth of field | 1 to 50 mm | 2 to 50 mm | 5 to 60 mm 4 to 40 mm | 5 to 50 mm | Depends on tip adaptor | | |

Optical Adaptor Specifications

| Scope | Optical adaptor | Field of view | Direction of view | Depth of field | | |
|------------------|-------------------------|-------------------------|--------------------------|----------------|--------------|--------------|
| IF5D4X1-14 | Optional AT50S-IF5D4X1 | 49° | Side view | 5 to 50 mm | | |
| | Provided AT60D/FF-IF6C5 | 60° | Direct view | 11 to ∞ mm | | |
| IF6C5X1 | Optional AT30D-IF6C5 | 30° | | Direct view | 26 to 372 mm | |
| | AT60D/NF-IF6C5 | 60° | 5 to 102 mm | | | |
| | AT100D-IF6C5 | 100° | 4 to ∞ mm | | | |
| | Optional AT30S-IF6C5 | 30° | Side view | | 21 to 138 mm | |
| | AT60S/NF-IF6C5 | 60° | | 4 to 85 mm | | |
| | AT60S/FF-IF6C5 | 60° | | 9 to ∞ mm | | |
| | AT100S-IF6C5 | 100° | | 4 to ∞ mm | | |
| | IF8C5 | Provided AT60D/FF-IF8C5 | 60° | Direct view | 20 to ∞ mm | |
| AT30D/NF-IF8C5 | | 30° | 30 to 70 mm | | | |
| AT30D/FF-IF8C5 | | 30° | 60 to 250 mm | | | |
| AT60D/NF-IF8C5 | | 60° | 9 to 50 mm | | | |
| AT100D/NF-IF8C5 | | 100° | 3 to 200 mm | | | |
| AT100D/FF-IF8C5 | | 100° | 9 to ∞ mm | | | |
| Optional | | AT30S-IF8C5 | 30° | Side view | 45 to 90 mm | |
| | | AT60S/NF-IF8C5 | 60° | | 8 to 40 mm | |
| | | AT60S/FF-IF8C5 | 60° | | 20 to 240 mm | |
| | | AT100S/NF-IF8C5 | 100° | | 3 to 140 mm | |
| | | AT100S/FF-IF8C5 | 100° | 9 to 200 mm | | |
| | | IF11C5 | Provided AT60D/FF-IF11C5 | 60° | Direct view | 27 to 390 mm |
| | | | AT30D/NF-IF11C5 | 30° | | 38 to 70 mm |
| | | | AT30D/FF-IF11C5 | 30° | | 65 to 120 mm |
| AT60D/NF-IF11C5 | 60° | | 11 to 45 mm | | | |
| AT100D/NF-IF11C5 | 100° | | 5 to 70 mm | | | |
| Optional | AT100D/FF-IF11C5 | | 100° | Side view | 16 to 300 mm | |
| | AT30S-IF11C5 | | 30° | | 55 to 100 mm | |
| | AT60S/NF-IF11C5 | | 60° | | 11 to 40 mm | |
| | AT60S/FF-IF11C5 | | 60° | | 28 to 440 mm | |
| | AT100S/NF-IF11C5 | | 100° | | 3 to 22 mm | |
| AT100S/FF-IF11C5 | 100° | 12 to 250 mm | | | | |

Operating Environment

| | | IF6PD4 | IF2D5 | IF4D5 | IF4S5 | IF5D4X1 | IF6C5X1 | IF8C5 | IF11C5 |
|---|------------------------|----------|-------------|-------------|--------------|---------|-------------|-------|--------|
| Operating temperatures | Insertion tube | In air | 10 to 40 °C | | -10 to 80 °C | | | | |
| | | In water | 10 to 30 °C | 10 to 40 °C | 10 to 30 °C | — | 10 to 30 °C | | |
| | Other parts than above | In air | 10 to 40 °C | | -10 to 50 °C | | | | |
| Liquid resistance (against machine oil, light oil and 5 % saline) | | | | ✓ | ✓ | | ✓ | ✓ | ✓ |
| Waterproof | Insertion tube | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Drip-proof | Control section | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Industrial Rigid Borescopes

Optical Lens Unit Makes High Resolution Images

Series 5 Rigid Borescopes

φ4.1~16.1 L=210 to 1,430 mm

Features

- Clear and high resolution images by optical lens system.
- Versatile lineup.
- Still/ movie camera adaptable.



Swing-prism Borescopes

Features and Functions

| Product code | Outer diameter | Effective length | Direction of view | Field of view | Depth of field |
|----------------------|----------------|------------------|-------------------|---------------|----------------|
| R060-023-045SW115-50 | ø6.1 mm | 23 cm | 45 to 115° | 50° | 5 to ∞ mm |
| R060-031-045SW115-50 | | 31 cm | | | |
| R060-046-045SW115-50 | 46 cm | | | | |
| R080-023-045SW115-50 | 23 cm | | | | |
| R080-033-045SW115-50 | 33 cm | 50° | | | |
| R080-043-045SW115-50 | 43 cm | 50° | | | |
| R080-044-045SW115-20 | 44 cm | 20° | | 30 to ∞ mm | |
| R080-053-045SW115-50 | 53 cm | 50° | | 5 to ∞ mm | |
| R080-063-045SW115-50 | 63 cm | | | | |
| R080-064-045SW115-20 | 64 cm | 20° | | 30 to ∞ mm | |
| R080-083-045SW115-50 | 83 cm | 50° | 5 to ∞ mm | | |
| R080-103-045SW115-50 | 103 cm | | | | |

Zoom Swing-prism Borescopes

Features and Functions

| Product code | Outer diameter | Effective length | Direction of view | Field of view | Depth of field | |
|--------------------------|----------------|------------------|-------------------|---------------|----------------|-------|
| R060-024-045SW115-50ZM25 | ø6.1 mm | 24 cm | 45 to 115° | 25 to 50° | 5 to ∞ mm | |
| R060-032-045SW115-50ZM25 | | 32 cm | | | | |
| R060-047-045SW115-50ZM25 | | 47 cm | | | | |
| R060-062-045SW115-50ZM25 | | 62 cm | | | | |
| R080-024-045SW115-50ZM25 | 24 cm | ø8.1 mm | | | | 44 cm |
| R080-034-045SW115-50ZM25 | 34 cm | | | | | |
| R080-044-045SW115-50ZM25 | 44 cm | ø8.1 mm | | | | 54 cm |
| R080-054-045SW115-50ZM25 | 54 cm | | | | | |
| R080-064-045SW115-50ZM25 | 64 cm | | | | | |

Major Engine Range Specifications

The Olympus borescopes are officially approved for the inspections of various military, commercial aero and power generating engines, including the following models.

| Engine manufacturer | Engine model |
|---------------------|------------------------------|
| Pratt & Whitney | PW4000/PW2000/JT9D/JT8D/F100 |
| Rolls-royce | RB211/TRENT |
| GE | GE90/CF34/CFM56/F110 |

Operating Environment

| | | Standard Rigid Borescopes Swing-prism Borescopes Zoom Swing-prism Borescopes | |
|--------------------------------|------------------------|--|---|
| Operating temperatures | Insertion tube | In air | -20 to 150 °C |
| | | In water | 10 to 30 °C |
| Operating atmospheric pressure | Other parts than above | In air | -20 to 50 °C |
| | | In air | 700 to 1,700 hPa |
| | | In water | to 1,700 hPa |
| Liquid resistance | Other parts than above | In air | 710 to 1,060 hPa |
| | | Operable when exposed to machine oil, light oil or 5 % saline solution | |
| Water-proof | Insertion tube | Waterproof construction Can be used underwater | |
| | | Other parts than above | Operable in blowing rain conditions Not operable under water |

Standard Rigid Borescopes

Features and Functions

| Product code | Outer diameter | Effective length | Direction of view | Field of view | Depth of field | |
|----------------------|----------------|------------------|-------------------|---------------|----------------|------------|
| R040-021-000-60 | ø4.1 mm | 21 cm | 0° | 60° | 5 to ∞ mm | |
| R040-022-045-60 | | 22 cm | 45° | | | |
| R040-022-090-60 | | 22 cm | 90° | | | |
| R040-033-000-60 | | 33 cm | 0° | | | |
| R040-033-045-60 | | | 45° | | | |
| R040-033-090-60 | 90° | | | | | |
| R060-017-000-50 | ø6.1 mm | 17 cm | 0° | 50° | 5 to ∞ mm | |
| R060-017-045-50 | | 45° | | | | |
| R060-017-090-50 | | 90° | | | | |
| R060-032-000-50 | | 0° | | | | |
| R060-032-045-50 | | 45° | | | | |
| R060-032-090-50 | | 90° | | | | |
| R060-047-000-50 | | 47 cm | 0° | | | |
| R060-047-045-50 | | | 45° | | | |
| R060-047-090-50 | | | 90° | | | |
| R060-063-045-50 | | 63 cm | 45° | | | |
| R060-063-090-50 | 90° | | | | | |
| R060-078-090-50 | 78 cm | 90° | | | | |
| R080-024-000-50 | ø8.1 mm | 24 cm | 0° | 50° | 5 to ∞ mm | |
| R080-024-045-50 | | 45° | | | | |
| R080-024-090-50 | | 90° | | | | |
| R080-024-110-50 | | 110° | | | | |
| R080-024-110-50 | | 25 cm | 35° | | | 10 to ∞ mm |
| R080-034-090-50 | | 34 cm | 90° | | | |
| R080-034-110-50 | | | 110° | | | |
| R080-044-000-50 | | 44 cm | 0° | | | |
| R080-044-090-50 | | 54 cm | 90° | | | |
| R080-054-090-50 | | | 110° | | | |
| R080-054-110-50 | 110° | 50° | 5 to ∞ mm | | | |
| R080-064-000-50 | 64 cm | | | 0° | | |
| R080-064-090-50 | 65 cm | 90° | | | | |
| R080-065-090-35 | | 35° | 10 to ∞ mm | | | |
| R080-084-090-50 | 84 cm | 90° | | | | |
| R080-084-110-50 | | 110° | | | | |
| R080-094-110-50 | 94 cm | 110° | | | | |
| R080-104-045-50 | | 45° | | | | |
| R080-104-090-50 | 104 cm | 90° | | | | |
| R080-104-110-50 | | 110° | | | | |
| R080-124-000-50 | | 0° | | | | |
| R080-124-045-50 | 124 cm | 45° | | | | |
| R080-125-090-35 | | 125 cm | 90° | | | |
| R080-134-090-35 | 134 cm | 90° | | | | |
| R080-144-045-50 | 144 cm | 45° | | | | |
| R080-144-090-50 | | 90° | | | | |
| R100-025-090-50 | 25 cm | 90° | | | | |
| R100-038-000-50 | | 38 cm | 0° | | | |
| R100-038-000-50 | 39 cm | 90° | | | | |
| R100-039-090-50 | | 35° | 10 to ∞ mm | | | |
| R100-039-090-35 | | 50° | 5 to ∞ mm | | | |
| R100-039-110-50 | 43 cm | 110° | | | | |
| R100-043-090-10 | | 10° | 115 to ∞ mm | | | |
| R100-053-090-50 | 53 cm | 90° | | | | |
| R100-066-000-50 | | 50° | 5 to ∞ mm | | | |
| R100-066-000-50 | 66 cm | 0° | | | | |
| R100-067-090-35 | | 35° | 10 to ∞ mm | | | |
| R100-067-090-50 | 67 cm | 90° | | | | |
| R100-081-090-35 | | 50° | 5 to ∞ mm | | | |
| R100-081-090-35 | 81 cm | 35° | 10 to ∞ mm | | | |
| R100-095-045-50 | | 45° | | | | |
| R100-095-090-50 | 95 cm | 90° | | | | |
| R100-099-110-50 | | 50° | 5 to ∞ mm | | | |
| R100-099-110-50 | 99 cm | 110° | | | | |
| R160-101-000-35 ILG* | | 10° | 115 to ∞ mm | | | |
| R160-101-000-35 ILG* | ø16.1 mm | 101 cm | 0° | | | |
| R160-101-090-35 ILG* | | 35° | 20 to ∞ mm | | | |

* Light guide is fixed.

MK Modular Mini-scopes/ Light Sources

Ultra Thin Scopes

MK modular Mini-scopes

φ1.2~2.7 L=96、186 mm

Features

- Less than φ2.7 mm diameter.
- Interchangeable scope unit.
- Versatile lineup of viewing directions.
- Still/ movie camera adaptable.



MK Modular Mini-scopes

| Product code | Outer diameter | Effective length | Direction of view | Field of view | Depth of field |
|------------------|----------------|------------------|-------------------|---------------|----------------|
| MK012-009-000-45 | φ1.2 mm | 96 mm | 0° | 45° | 1 to ∞ mm |
| MK012-009-015-53 | | | 15° | 53° | |
| MK017-009-000-62 | φ1.7 mm | 186 mm | 0° | 62° | 1 to ∞ mm |
| MK017-018-000-62 | | | | | |
| MK017-018-090-62 | | | | | |
| MK027-018-000-62 | φ2.7 mm | 186 mm | 0° | 62° | 1 to ∞ mm |
| MK027-018-090-62 | | | 90° | | |

Selectable Variation by Operation Purposes Light Sources

Compact LED Light Source for MK Modular-mini Scopes

ILD-3

Not available in China, South Korea with ILD-C version

Both AC/DC power available.

ILD-3 Specification

| | ILD-3 |
|--------------|---|
| Power Supply | 3VDC single use batteries ILD-C |
| Dimensions | 55 mm long x 30 mm diameter |
| Weight | 65 g without CR123 battery |
| Run time | 1.5 hours per interchangeable battery or 8 hours at full brightness from the ILD-C |



Compact LED Light Source

ILD-2

Not available in China, South Korea and (CA and OR in USA)

ILD-C connected LED light source.

ILD-2 Specification

| | ILD-2 |
|--------------|---|
| Power Supply | ILD-C or Accessory Desktop PSU |
| Dimensions | 81 mm long x 38 mm diameter |
| Weight | 108 g |
| Run time | 2.5 hours at full brightness from the ILD-C |



Brightness Control Box for ILD-2/ ILD-3

ILD-C

Not available in China, South Korea and (CA and OR in USA)

Rechargeable battery driven brightness controller.



ILD-C Specification

| | ILD-C |
|-------------------|------------------------|
| Power Supply | 9 to 19 VDC |
| Power Consumption | 38 W Max when charging |
| Dimensions | 130 mm x 90 mm x 38 mm |
| Weight | 650 g |

Connecting Scope Adaptors for ILD-2/ ILD-3

A range of adaptors to connect the compact light sources to our various rigid borescopes and fiberscopes.

Halogen Light Sources

ILK-7/ILK-7A/ILK-7B

Not available in South Korea

The ILK-7 range of light sources incorporates a 150 W tungsten-halogen lamp offering features necessary to meet most industrial needs.



Specifications

| | ILK-7 | ILK-7A | ILK-7B |
|-------------------|-------------------------------------|--|-------------------------------------|
| Voltage | 100-120 V 50-60 Hz, 115 V 400 Hz | 100-240 V 50-60 Hz, 115 V 400 Hz, 11-15V DC | 100-240 V 50-60 Hz, 115 V 400 Hz |
| Power consumption | 280 W | 250 W | |
| Dimensions | 178 (W) X 76 (H) X 230 (D) mm | | |
| Weight | 2.3 kg | | |

UHP High Intensity Light Source

ILP-2

Not available in South Korea

Most powerful light source ever produced by Olympus.



ILP-2 Specification

| | ILP-2 |
|-------------------|-----------------------------|
| Voltage | 100-240 V AC, 10-15 V DC |
| Power consumption | 100 W |
| Dimensions | 166(W) x 109(H) x 261(D) mm |
| Weight | 2.9 kg |

Not available for the Small diameter borescopes. In use with the other rigid borescopes, connectable light guides differ depending on the rigid borescope models. Please ask our sales representatives for details.

※UV light source. Please ask to our sales representatives for details.

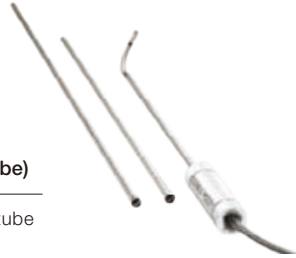
Accessories

For Industrial Videoscopes

Rigid Sleeve

- MAJ-1737
(For 4.0 mm dia. insertion tube)
- MAJ-1281
(For 4.4 mm dia. insertion tube)
- MAJ-1253
(For 6.0/6.2 mm dia. insertion tube)

Rigid sleeve makes flexible insertion tube to semi-rigid operation.



High Temperature Guide Tube (Built to order)

- MAJ-1867 (For 4.0 mm dia. insertion tube)

The high temperature guide tube is able to operate in up to 250 Celsius degree environment.
(Requires cool down air supply)



Flex and Stay*¹

Enable the scope insertion tube to be housed in a Flex and Stay.

*¹ Flex and Stay can be used for the Industrial fiberscopes as well.



UV Inspection Adaptors

(For IPLEX UltraLite, Built to order)

Enable the UV inspections by being attached onto the IPLEX UltraLite scope tip.



Image with a standard tip adaptor.



Image with an UV tip adaptor.

Multi-purpose Sleeve

Useful to provide a constant insertion depth of rigid Borescopes.



For Industrial Fiberscopes/ Industrial Rigid Borescopes

C-mount Adaptors

For connection of TV cameras to Fiberscopes and Rigid Borescopes.



AI-3C

| Scope | C-mount adaptor | Magnification ratio | Brightness ratio |
|--|-----------------|---------------------|------------------|
| IF3 Series IF7D3X3-26, 32 IF13D3-60, IF8D3X2-23 | MC-04 | 0.8 | 1.6 |
| | MC-05 | 1.0 | 1.0 |
| IF4D5/4S5, IF6C5, IF6C5X1 IF8C5, IF11C5, IF5D4X1-14 | AI-10C | 0.8 | 1.56 |
| | AI-11C | 1.0 | 1.0 |
| | AI-12C | 1.51 | 0.44 |
| | AI-3C | 2.0 | 0.25 |
| IF6PD4, IF2D5 Rigid Borescopes Minibolescopes | AK2-5C | 0.75 | 1.8 |
| | AK2-10C | 1.0 | 1.0 |
| | AK2-20C | 1.35 | 0.55 |

OM Adaptors*²

Allow you to connect industrial fiberscopes or rigid borescopes to selected Olympus digital mirrorless cameras.



*² The optional OM adaptor MF-1 plus MMF-3 is required to connect the OM adaptors listed below to the digital mirrorless cameras.

| | AI-3M/AI-4M | SM-R |
|--------------------------------|--|--|
| Compatible scope* ³ | IF4D5/4S5 IF5D4X1 IF6C5X1 IF8C5 IF11C5 | IF6PD4 IF2D5 IF8D4X2/X3 K12/17/27, X09/12/17/25 Minibolescopes Series 5 Rigid Borescopes |
| Camera connector | MF-1 plus MMF-3 for connection to the mirrorless cameras | |

Notes: Magnification of the AI-4M 1.3X larger than the AI-3M.

*³ Moire may appear if pixel interference occurs in certain inspection environments (such as fibre mesh and image sensor) or in certain output devices (such as LCDs and printers).

Light Guide Cable

This accessory transmits light from a separate light source.

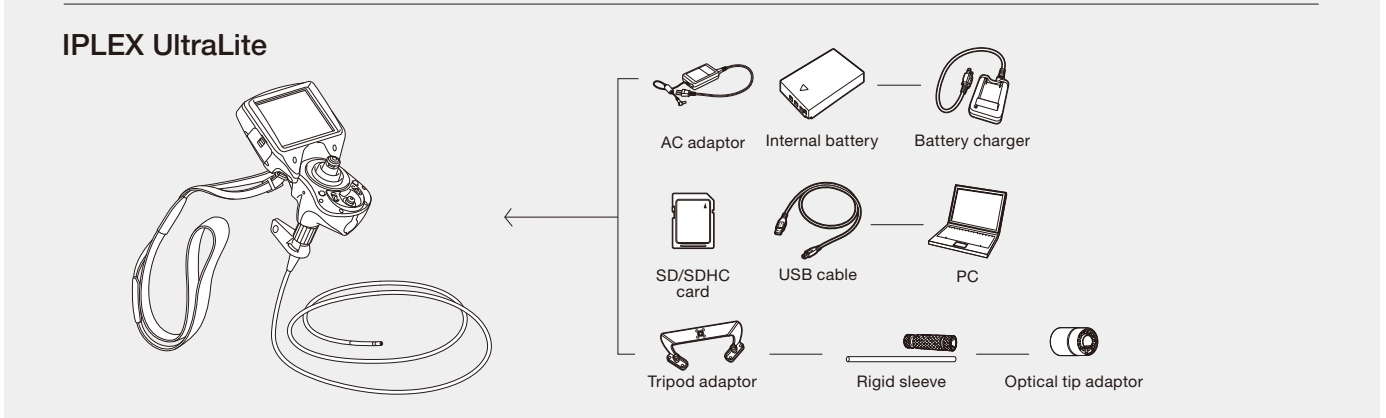
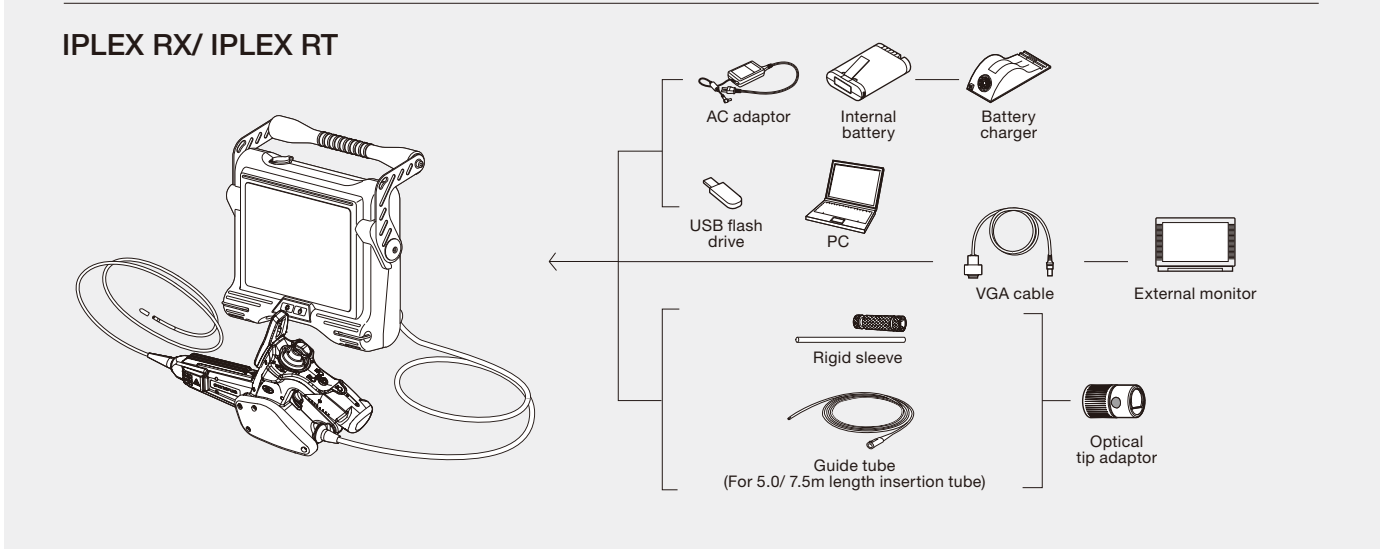
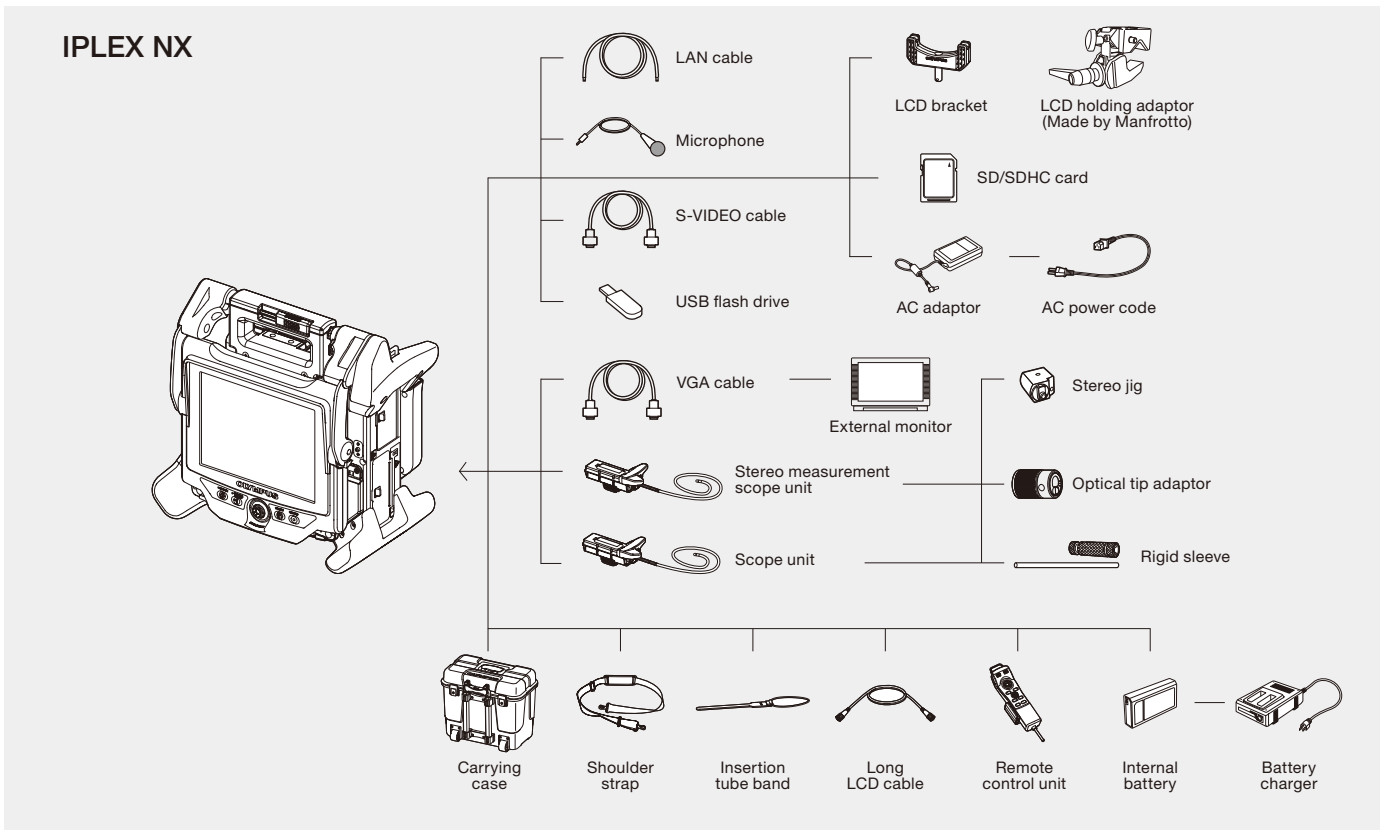


Light Guide Cable Variation

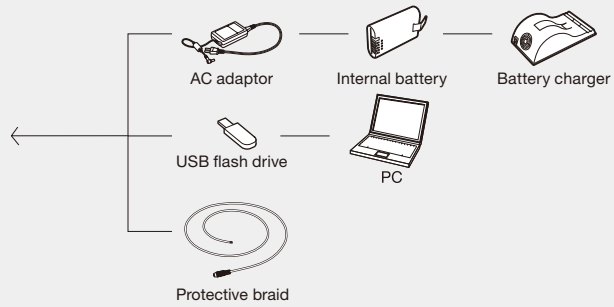
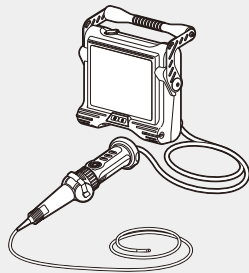
| | 3mm MK Liquid | 3mm Liquid | 5mm Liquid | 5.5mm Fiber |
|------|---------------|------------|------------|-------------|
| 1.0m | | | | X |
| 1.8m | X | X | X | |
| 2.0m | | | | X |
| 2.5m | X | X | X | |
| 3.0m | | | | X |
| 5.0m | X | | | X |

System Charts

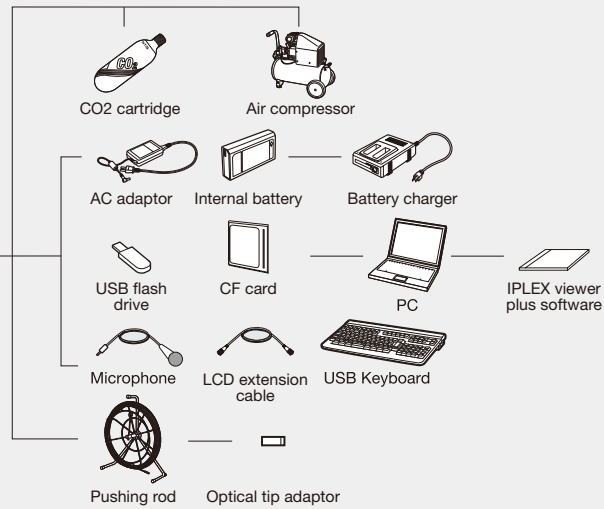
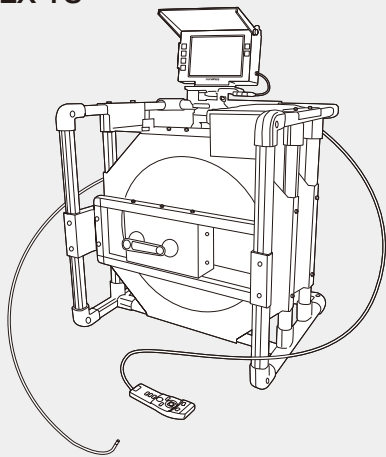
Videoscopes



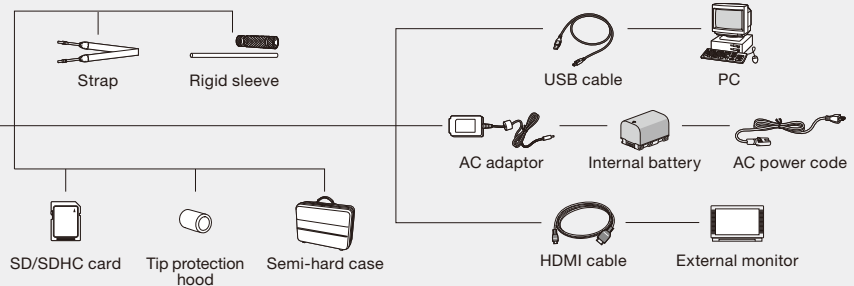
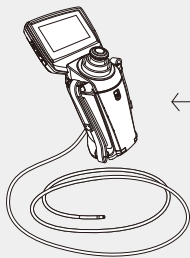
IPLEX TX



IPLEX YS

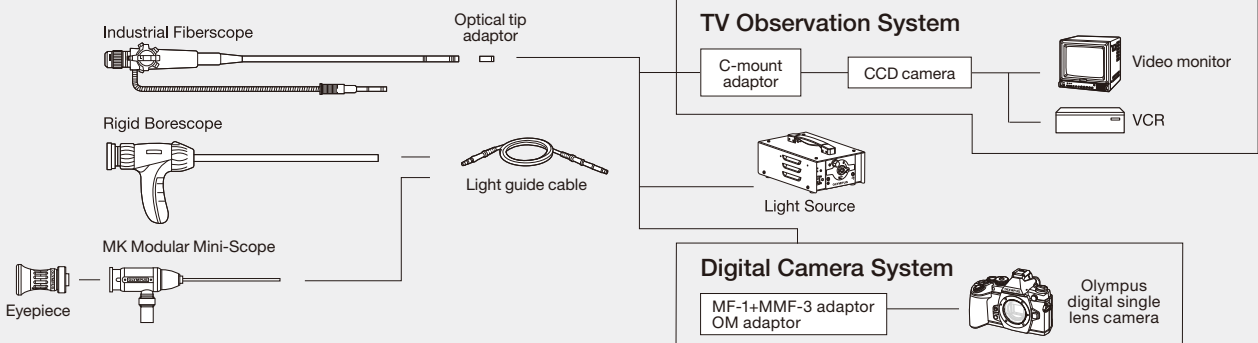


Series C



Fiberscopes and Rigid Borescopes

Eyeball Observation System





The IPLEX NX, IPLEX YS industrial videoscope is equipped with the laser illumination.

- OLYMPUS CORPORATION is ISO9001 certified
- OLYMPUS CORPORATION is ISO14001 certified
- This product is designed for use in industrial environments for the EMC performance. Using it in a residential environment may affect other equipment in the environment.
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