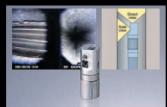
Provided by www.AAATesters.com



ACCESSORIES

You can change the field of view, direction of view, and depth of field by switching the optical adaptor on the scope tip



ring Adaptor AT100D/100S-IV76 This single optical adaptor offers enhanced inspection efficiency with both forward-viewing and side-viewing capabilities



3D Eye-Trek FMD-3DN (NTSC) FMD-3DP (PAL)

Allows you to inspect with super-real three-dimensional images. 3D Eye-Trek makes it easier to get an accurate sense of distance and facilitates insertion of the scope and access to the site.



MAJ-1091 Length: 4m Extends the remote control cable, allowing more freedom of movement during operation. Attaching this cable and removing the monitor from the monopod allows you to operate the main unit while moving freely around a wider area.



MAJ-1281 (for ø4.4mm dia. insertion tube) Outer Diameter: ø5.9mm Length: 250mm/340mm/450mm MAJ-1253 (for ø6.0mm/ø6.2mm dia. insertion tube) Outer Diameter: ø7.5mm Length: 250mm/340mm/450mm Useful as an auxiliary insertion tool and also makes the scope easier to handle. Simply fit and lock the sleeve onto the tip of the insertion tube.



observation is possible.

MAJ-1044D (for ø4.4mm dia. insertion tube, forward-MAJ-1044S (for ø4.4mm dia. insertion tube, side viewing) MAJ-1046D (for ø6.0mm dia. insertion tube, forward-viewing)

MAJ-1046S (for ø6.0mm dia. insertion tube, side viewing) MAJ-1241D (for ø6.2mm dia. insertion tube, forward-viewing) MAJ-1241S (for ø6.2mm dia. insertion tube, side viewing) The two objective lenses enable stereo measurement. When used in combination with the 3D Eye-Trek, three-dimensional

-Angle Adapto Ultra-Wide AT220D-IV76 Provides 220° wide-angle images for wide-range inspection. Even makes it possible to confirm the back of an inspection object - something that is



ry Bag MAJ-1120 Provides convenient, compact storage for the optional 3D Eye-Trek and other accessories. Can also be attached to the accessories. Can IPLEX main unit.



IPLEX II introduces networked inspection

OLYMPUS

Your Vision, Our Future

508mm (W) 290mm (D) 159mm (D) 406mm (W) \bigcirc IPLEX MX

Easy inspection anytime, anywhere. **Mobile IPLEX brings total convenience** to field maintenance.

■ High efficiency via clear, high-resolution images and stepless zoom

■IPLEX SX II External View

Excellent mobility thanks to compact, lightweight, batterypowered design

- Simple, intuitive operation
- Complete control of inspection regardless of location and skill level

"Try IPLEX II Now" Experience the high performance of IPLEX II at the IPLEX II website http://iplex.olympusindustrial.com

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.



www.olympus.com

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OLYMPUS MOSCOW LIMITED LIABILITY COMPANY OLYMPUS AUSTRALIA PTY LTD.

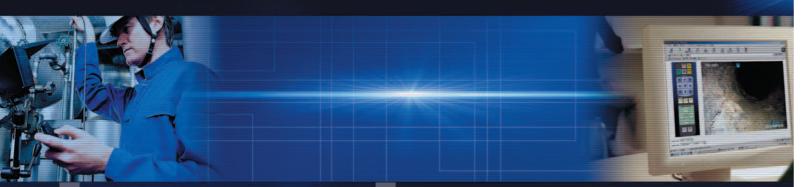


iPLEXSAI



Precision inspection is now easier for everyone. Network features link experts with the site.

With conventional industrial videoscope systems, inspection might be easy but accurate judgment is difficult and can be time consuming. IPLEX II makes precision analysis faster and easier than ever before, regardless of the inspectors' skill level, by introducing powerful new features such as a high-resolution Cristal LCD Monitor for more precise observation and Super Stereo Measurement for greater measurement accuracy and ease of use. Moreover, a new network function gives specialists the ability to remotely operate IPLEX II from the technology center, headquarters, or almost anywhere away from the inspection site. Fast, efficient and highly precise, IPLEX II redefines the meaning of quality inspection.



Precision results made easy

Teamwork from afar

Cristal LCD monitor

More accurate evaluation of small chips, corrosion and dirt.

Super Stereo Measurement*

More accurate determination of distances to objects and between points.

Multi-language display

Easier, more user-friendly operation for inspectors around the world.

User-friendly design

Network functions^{*2}

Remote endoscope control, remote viewing of moving

images, and emailing of still images.

Convenient all-in-one design with everything needed for inspection, including a multifunctional remote control.

Features and specifications

IPLEX II Equipmen	t Components	and Functions			IPLEX II Detailed Specifications						
		SA I stereo measurement model	advanced model	Stereo measurement model	APLEX SXI advanced model	basic model	IPLEX SA II stereo measurement model is IPLEX SA II advanced model with stereo measurement.				
Scope Variation		atereo medadrement moder	advanced moder	atereo medabrement moder	advanced model	Dasic moder					
Outer diameter	Insertion tube			Product code							
ø4.4mm	length 3.5m	IV7435A-2	IV7435A-2	IV7440X1(4m)*5	IV7440X1(4m)*5	IV7435-2					
04.4000	3.5m	IV7635A-2	IV7635A-2	107440X1(411)	107440/(1(4))	IV7635-2					
	5.0m	IV7650A-2	IV7650A-2			IV7650-2	Insertion tube length refers to the length from the distal end to the main unit case				
ø6.0mm	7.5m	IV7675A-2	IV7675A-2			IV7675-2	when the insertion tube is fully pulled out.				
	9.6m	IV7696A-2	IV7696A-2			IV7696-2					
ø6.2mm	3.5m			IV7635X1(3.5m)*5	IV7635X1(3.5m)*5						
Basic Functions											
Interchangeable optical		1	1	1	1	1	For the specifications, see "Optical Adaptor Specifications."				
4-way motorized angulation (with fine-tuning mode)		1		1	1	~	Angulation range (up-down/right-left): IV76 Series - 150°, IV74 Series - 120°, IV74X1 Series - 130°				
Tough Tapered Flex inse	artion tube	V	1	V	V	1	Tube design that becomes more pliable towards the distal end with crush resistance more 3 times as high as that of a conventional model				
			N	√ ×6	√*6	, ,					
Scope length index line	init	1		N~~	v~	N	Marked at every 500 mm *6 Special index line for IV7635X1				
Interchangeable scope u Working channel	1111		al	N +/*7			*7 Available only for IV7635X1				
LCD monitor*4		1		1	1	1	6.3" XGA full-color, detachable from main unit				
LCD fixing device (mono	(boge	1	1	1	V	, v	Two-step expandable, maximum height 964 mm				
Remote controller		1	1	1	V	, v	LCD monitor/provided with 3D Eye-Trek connector				
50-W metal-halide light source		V.	Ń	1	V	1	Lamp life: Minimum 300 hours				
Integrated shock-resistant case		Å	V	V	V	V	Dimensions: 508 (W) x 290 (D) x 528 (H) mm Weight: 22.8kg (with IV7635X1)				
Rod handle & casters		v.	V	1	V	V	• • • • • • • • • • • • • • • •				
Vertical and horizontal operation		1	1	√	V	1					
Insertion tube winding drum		1	1	√ *8	√ *8	1	*8 Pocket style				
AC power supply		1	1	1	V	1	Voltage: 100 to 120 V/220 to 240 V Max power consumption: 250 VA Frequency: 50/60/				
DC power supply		1		1	1	1	Voltage: 12 V to 30 V Max power consumption: 288 W				
CCU Functions											
Freeze		1	1	1	1	1	Selectable between freeze and field, 4-frame memory possible				
Stepless digital zoom		V	1	√	V	1	Max 3x				
Panning		V	1	V	V	1					
Exposure		N	N	V	N	1	17 to 500 msec (NTSC) 20 to 500 msec (PAL)				
Brightness adjustment		N	N	V	V	×	7 steps				
Gain Enhancement		√	N	√ 	√ √	× ×	Selectable from Standard, Boost and Low 3 steps				
Comparison		N	N	N	N N	Ň	Live image and retrieve image are displayed on half-split screen				
	_	N 1	N	N 1	1	√*9	PAL: English, German, French, simplified Chinese, Spanish, Italian, and Russian NTSC: English, Japanese, Spanish, Korean, and traditional Chinese '9 Japanese or Englis				
Menu language selection	n	1	1	√							
Video signal output		N	N	N	1	1	Composite video output terminal (BNC): 1 (75 Ω) S-video terminal: 1 (75 Ω)				
Video signal input Audio signal output		<u>م</u>	N	√ √	N N	1	S-video terminal: 1				
9	- Franking	N		N	N	N	Monaural x 1 (RCA Pin)				
Recording Management Functions Still image recording/playback		4	V V	~	V		File format: When stereo adaptor is selected — Uncompressed TIFF, When other adaptor is selected — JPEG (standard quality or high quality) File size: Uncompressed TIFF — 640 KB, Standard quality JPEG — 100 KB, High-quality JPEG — 200 KB, Resolution: NTSC — 640 X 480 pixels, PAL — 768 x 576 pix				
Audio recording/playback		1	1	1	1		Recording time: Max 60 sec File format: WAV				
Movie recording/playback		1	d	√	1		Recording time: Variable depending on recording card capacity File format: QuickTime M Resolution: NTSC – 320 x 240 pixels, PAL – 384 x 288 pixels				
Removable medium		1	1	1	V		32 MB recording card provided as standard				
Thumbnail display		, V	1	, V	V		9-frame display				
Image file operation		1	1	1	1		Copy, move, delete Manageable by folder				
Search function		1	1	1	V		Date search				
Image title entry		V	V	1	V		Up to 15 alphanumeric characters and symbols can be entered.				
USB terminal		1	1	1	1		USB version 1.1				
IPLEX MANAGER softwa	are	1	1	1	V		For Windows 95, NT, 98, 2000*4, XP				
Direct recording to PC		V	1	1	V		Still image and still image with audio. Movie cannot be transferred.				
Recorded data transferr		V	V	V	V						
Remote operation by PC		V		V	V						
Measurement Function	ons										
Scaler measurement		1		√	1		Measures the distance between points. The calculation is based on the known length in the same inspection image.				
Stereo measurement (Di	stance)	1		1			Measures the distance between the two plotted points.				
Stereo measurement (Po		1		1			Measures the distance between a hypothetical line between two designated positions and the required point.				
Stereo measurement (D	epth)	1		1			Measures the depth/height from a hypothetical plane inside three designated positions to required point.				
Stereo measurement (Ar	rea/Lines)	1		√			Calculates the area surrounded by multiple designated positions and plots multiple position				
Stereo measurement (Pr	-	N		1			measurement of curved surfaces. The cross section of two designated points is represented with computer graphics.				
Network Function	· · · ·	,									
Network		Option	Option								
Other Functions							·				
3D observation		Option	Option	Option	Option	Option	Stereo optical adaptor and 3D Eye-Trek are required.				
							onal. *4 Some functions are not available with Windows 95 or NT. *5 Insertion tube length.				

Scope	Optical Adapter		Optical System				Distal End		Set Name		Optical System				Distal End		
		Field of view	Direction of view	Depth of field	F No.	Outer diameter	Rigid distal end length*	Scope		Optical Adaptor	Field of view	Direction of view	Depth of field	F No.	Outer diameter		
IV74 IV7440X1	AT40D-IV74	40°	Forward	200~∞mm	2.4		19.7mm	IV74	MAJ-1044D	AT60D/60D-IV74	60°	Forward	5~∞mm	∞mm 7.5 ø4.4m	a4 4mm	25.9mm	
	AT80D/NF-IV74	80°		8~∞mm	9.5		20.2mm	IV7440X1	MAJ-1044S	AT50S/50S-IV74	50°	Side	4~∞mm		04.411111	31.9mm	
	AT80D/FE-IV74	80°		35~∞mm	3.1		20.1mm	IV76	MAJ-1046D	AT60D/60D-IV76	60°	Forward	5~∞mm	1.5	ø6.0mm	26.3mm	
	AT120D/NF-IV74	120°		4~190mm	9.2		20.2mm		MAJ-1046S	AT60S/60S-IV76	60°	Side	4~∞mm			30.7mm	
	AT120D/FE-IV74	120°		25~∞mm	3.3	ø4.4mm	20.1mm	IV7635X1	MAJ-1241D	AT60D/60D-IV76X1	60°	Forward	5~∞mm 4~∞mm		ø6.2mm	26.7mm 32.4mm	
	AT80S-IV74	80°	Side	25~∞mm	3.7	1	23.1mm		MAJ-1241S	AT60S/60S-IV76X1	60°	Side	4~∞mm			32.4mm	
	AT120S/NF-IV74	120°		1~20mm	9.6	1	23.1mm	Opera									
	AT120S/FF-IV74	120°		6~∞mm	6.0	1	23.1mm		Ŭ.		In air: -25 - 80°C						
N76	AT40D-IV76	40°	Forward	200~∞mm	2.4		19.3mm	Operating				Caution: Angulation to a large angle may become difficult under low temperatures.					
	AT80D/NF-IV76	80°		8~∞mm	9.5	ø6.0mm	19.8mm	temperatures			Under water: 10 – 30°C						
	AT80D/FF-IV76	80°		35~∞mm	3.1		19.7mm		Other parts th	nan above	In air: 0 ~ 40°C						
	AT120D/NF-IV76	120°		4~190mm	9.2		19.8mm			Insertion tube		With IV763-52, 767-52, 7675-2, 7696-2, 7855-2, 76504-2, 76754-2 & 76964-2; In air: 1013 A-114 atm) In watter: 1013 - 1865 Piot [-1 98 atm) In watter: 1013 - 1869 Piot [-1 004 atm] Under watter: 1013 - 1368Pio [1 to 1.35 atm] Under watter: 1013 - 1368Pio [1 to 1.35 atm] With IV76355X1:					
	AT120D/FF-IV76	120°		25~∞mm	3.3		19.7mm	Operating									
	AT80S-IV76	80°	Side	18~∞mm	4.0		25.2mm	atmospheric	Insertion tube								
	AT120S/NF-IV76	120°		1~25mm	9.6		25.2mm	pressure									
	AT120S/FF-IV76	120°		5~∞mm	5.9		25.2mm		Other parts th	an abovo	In air: 1013 hPa (1 atm) In air: 1013 hPa (1 atm)						
	AT100D/100S-IV76	100°/100°	Forward/Side	2~∞mm	7.0	1	27.2mm			a remote control	No trouble even when machine oil.						
	AT220D-IV76	220°	Side	2~∞mm	4.3	ø8.4mm	21.1mm	Liquid	Channel port			light oil or 5% saline is attached.					
IV7635X1	AT120D/NF-IV76X1	120°	Forward	4~190mm	9.2	ø6.2mm	20.6mm	resistance	Other parts th	han above No trouble with the case outer finishing even when machine light oil or 5% saline is attached.			ine oil,				
	AT120D/FF-IV76X1	120°		25~∞mm	3.3		20.5mm		Insertion tube		Waterproof: Can be used under water.						
	AT80S-IV76X1	80°	Side	18~∞mm	4.0		24.6mm	Water proofing	Remote contr Channel port	rol, LCD monitor (IV7635X1)	Drip-proof: Can be used in rain but cannot be used under water.						
	AT120S-IV76X1	120°	Gide	5~∞mm	5.9		24.6mm	p. somig	Other parts th		Neither waterproof nor drip-proof.						

surement Optical Adaptor Set Spec

Multi-language display

Easier operation for users in various regions.



In its quest to bring greater user-friendliness to users around the world, Olympus equipped IPLEX II with a multi-language display. This feature allows users to choose one of several languages for the displayed interface. PAL standard versions: English, German, French, Spanish, Italian, simplified Chinese and Russian. NTSC standard versions: English, Japanese, Spanish, Korean, and traditional Chinese. For many users, this simple feature can reduce stress, decrease errors and enable more accurate, efficient inspection.

Introducing a versatile Ø6.2mm scope with Working Channel. Ideal for Gas Turbine Inspection.



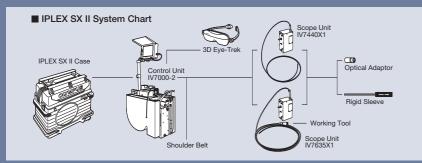
Purpose-built to meet the specific requirements of gas turbine inspection, the new IPLEX SX II from Olympus provides improved access to intricate engine interiors and enhanced hooking operation for exceptional ease of use. With a diameter of only 6.2mm, this is one of the world's slimmest videoscopes to incorporate a working channel. The channel port can be mounted on the remote control, further enhancing operability, while the hook assembly features an original highly responsive Olympus design that optimizes hook operation for inspection

The IPLEX SX II includes a 4.4mm scope (without a channel) that enables inspection of minute parts. Interchangeability with 4.4mm and 6.2mm scopes makes this system extra cost effective.

The rigid sleeve is useful as an auxiliary insertion tool and makes the scope easier to handle. It simply fits and locks onto the tip of the insertion tube.



Various accessories available Versatile accessories are available to meet a wide range of inspection requirements, such as the retrieval of foreign and dropped objects.







High-end model with image recording unit and Super Stereo Measurement^{*1}. Optional Network functions^{*2} allow operation from remote locations.

iPLEX sx I

All the features of IPLEX SA II with interchangeable insertion tubes of 4.4mm and 6.2mm diameter. The 6.2mm diameter model incorporates an internal working channel for foreign object retrieval.



Basic model designed for total user friendliness. Cristal LCD monitor with dramatically improved resolution and dynamic range.

> *1 Super Stereo Measurement is only provided on the stereo measurement models of IPLEX SA II and IPLEX SX II. *2 Network functions available for IPLEX SA II only





