

Pratt & Whitney Canada Aircraft Engine Inspection Kit Take Flight with the IPLEX™ G Lite Videoscope



The IPLEX G Lite videoscope kit (model GL-PWC34910-109) is officially approved by Pratt & Whitney Canada® for the inspection of all Pratt & Whitney Canada aircraft engines.

The GL-PWC34910-109 videoscope kit is a compact, turnkey solution that provides all the necessary equipment to properly inspect aircraft engines.

The IPLEX G Lite industrial videoscope packs powerful imaging capabilities into a small, rugged body.

- High-quality image resolution: 768 × 576 pixels
- Smooth, 60-frames-per-second video recording
- Compact and lightweight (1.1 kg [2.5 lb])
- Large 4.3-inch touch screen
- Easy-access menus and image settings adjustment
- Standard scalar measurement
- Easily upgradeable for stereo measurement



Contact your Olympus sales representative for more information.

www.olympus-ims.com

Built to Meet the Challenges of Pratt & Whitney Canada Engine Inspections

Fast and Easy

The Olympus IPLEX™ G Lite videoscope is equipped with innovative features that help increase the efficiency of your inspections:

- It automatically records high-quality video of the last 30 minutes of your inspection, so you can avoid wasting time backtracking.
- Advanced video functions enable you to capture still images of live or previously recorded video.
- An oil clearing tip adaptor improves the image quality while reducing cleaning time.
- TrueFeel® articulation gives you the ability to quickly and precisely navigate to your target area.

Go Anywhere

Small and tough, the IPLEX G Lite videoscope is IP65 rated and passes U.S. Department of Defense testing (MIL-STD-810) for protection against 4-foot drops, vibration, blowing rain, explosive atmospheres, and other harsh conditions.

The G Lite videoscope and its accessories pack neatly in a carrying case that is small enough to fit under an airplane seat, so you can travel with ease.

True to Your Image

A noise-reduction algorithm helps achieve high-quality images. Record videos at 60 fps for smooth, clear inspections.

Specification Chart

Model No.	IV9420GL	
Insertion Tube	Scope Diameter	4.0 mm
	Scope Length	2.0 m
	Exterior	High-durability tungsten braid
	Tube Flexibility	Uniform stiffness
	Temperature Sensor	2-stage indicator for high-temperature warning
Articulation Section	Articulation Angle	130°
	Up/Down/Right/Left Articulation Operation	TrueFeel® electronic scope tip articulation
Approx. System Weight (with Battery)		1.5 kg (2.5 lb)
Dimensions (W × H × D)		128 mm × 203 mm × 110 mm (5 × 8 × 4.3 in.)
Dimensions of Carrying Case (W × H × D)		455 mm × 330 mm × 185 mm (18 × 13 × 7.3 in.) (protruding parts not included) Size for carry-on baggage in a narrow body aircraft
Illumination		LED illumination Battery operation time can be extended by using ECO mode lighting control
Display		4.3-inch, daylight-view, wide-view WVGA LCD with capacitive touch screen
Power Supply	AC Power	100 V to 240 V, 50/60 Hz (with supplied AC adaptor)
	Battery	7.4 V nominal, approx. (with supplied battery); Battery operation time: FYI approx. 90 minutes
Video Output Standard	HDMI	Type C, HDMI 1.4
Headset Terminal (Microphone Input/ Audio Output)		Ø 3.5 mm mini plug CTIA
Live Image Streaming		Attach the recommended USB wireless LAN adaptor to the Type A USB connector



Oil Clearing Tip Adaptor

Model No.	AT120D/NF-IV94G	
Optical System	Field of view	120°
	Direction of view	Forward
	Depth of field	2–200 mm

*Certain engine-specific guide tubes available upon request

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