

# OLYMPUS<sup>®</sup>

Your Vision, Our Future

Industrial Endoscope

## Series C

# Smarter Insights. Smarter Savings.

**NEW**



### Built with you in mind.

Olympus' entry-level videoscope provides exceptional articulation, durability and great optics to get you the image you need. The instrument is built for use anywhere you need it and packed with features usually reserved for more expensive units. The Series C will save you time and money.



Plant maintenance



Manufacturing



Security

# Practical advantages.

The Series C videoscope is designed to provide quick and easy inspections of difficult-to-reach areas. Olympus' entry-level videoscope provides exceptional articulation, durability and great optics to get the image you need. The instrument is built for use anywhere you need it and packed with features usually reserved for more expensive units. The Series C will save you time and money.

## Lightweight and portable



Series C is lightweight 735 g (25.9 oz) and ergonomically designed to fit in the palm of either the right or left hand. Lithium-ion battery powered Series C delivers 120 min of uninterrupted inspection, plus the carrying case holds everything you need for every inspection project.

## Anyone can use it



Series C is specifically designed with an intuitive user interface. Designed for ease of use, both the expert and the first-time inspector can use the Series C to successfully inspect objects. There is no need for special training.

## See what and where you want



Inspect defects such as burrs and cracks inside parts or areas that have no direct visual access. Series C videoscope performance is powered by Olympus optical and precision device expertise. The videoscope captures an image with the desired brightness by combining 8 brightness settings, glare reduction, high intensity LED and light sensitive CCD camera chip technologies.

## Built to last



The proprietary spring neck design of the distal end reduces stress when navigating through tight bends.



The Series C is designed for long product life, it features an abrasion-resistant insertion tube with a tungsten outer braid. The protective cap on the distal end can easily be replaced when worn. Consequently, more inspections can be done with minimum downtime.

## IV0620C Specifications

Distal end	Outer diameter	φ 6.2 mm (0.244 in.)
	Distal end rigid section length	14.6 mm (0.574 in.)
	Angulation	UP, DOWN, RIGHT and LEFT each 120°
Insertion tube length	2 m (6.6 ft)	
Control section	Dimensions	98 (W) x 209 (H) x 89 (D) mm (3.8 in. x 8.2 in. x 3.5 in.) (without insertion tube and cable)
Optical system	Field of view	90°
	Depth of field	12~150 mm (0.47 in. to 5.9 in.)
Weight	Including battery	Approx. 735 g (25.9 oz)
Monitor	3.0" 16:9 Wide VGA	
Software controls	Image controls	3x digital zoom, 8 step digital brightness control.
Liquid resistance	No damage when exposed to machine oil, light oil or 5 % saline solution.	
Waterproofing	Insertion tube	Waterproof construction. Can be used underwater.
	Other parts than above	In air: -25 to 80 °C (-13 °F to 176 °F) In water: 10 to 30 °C (50 °F to 86 °F)
Operating temperature	Insertion tube	In air: -25 to 80 °C (-13 °F to 176 °F) In water: 10 to 30 °C (50 °F to 86 °F)
	Other parts than above	In air: -10 to 40 °C (14 °F to 104 °F) (battery-powered operation) 0 to 40 °C (32 °F to 104 °F) (AC adapter-powered operation)
Operating environment humidity	All parts	15 to 90 % (relative humidity)

## Visit Olympus website for useful information:

- Product details and operating tips
- User registration for email contact
- Invitations to seminar events

Rely on Olympus global network of customer support for accurate and prompt attention to your needs.



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• 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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