

24AK Automotive Fiberscopes

Professional Grade Fiberscopes for Automotive Applications

Our tried and proven 24AK Fiberscopes were designed for automotive applications. These scopes are a superb fit for a multitude of automotive jobs and most purchasing budgets! There are two versions of this Fiberscope and both have a tough and multipurpose flex and stay gooseneck insertion tube. The 24AK version is a forward viewing scope with a removable tip adapter that enables a 90° side view. The 24AK-AS version has 2-way remote tip articulation that dramatically increases the scope's utility and value.

Applications

24AK Fiberscopes have been successfully employed for all kinds of automotive inspection and investigation tasks. Most engineers, mechanics and technicians can quickly think of a lot more applications than we can! Some of the common uses center around tasks in the following areas.

- Engine - Cylinders, Valves, Fuel Injectors, Intake & Exhaust Manifold, Crankshaft
- Catalytic Converter/Muffler
- Drive Train - Transmission and Axle

Kits

Almost all 24AK Fiberscopes are purchased in handy "Ready-to-Go" kits that include a Fiberscope, Light Source and the selected power option.



Our most popular automotive kit features the 24AK-AS and power option 2.

Essential Parameters

	24AK	24AK-AS
Diameter	8.0mm (0.315 in)	8.0mm (0.315 in)
Working Length	660mm (2.2 ft)	660mm (2.2 ft)
Articulation	None	2-way 120°
Side View Tip	90° Mirror Tip	None

Optical

Direction of View (DOV)	0° Forward
Field of View (FOV)	55°
Depth of Field (DOF)	5mm (.197 in) - 100mm (3.94 in)
Resolution	8,000 Pixels
Eyepiece Magnification	25X

Light Source

The light source for 24AK Fiberscopes is a purpose built, powerful and portable 75W Tungsten Halogen unit. This light source has a fast release, snap tight lock for the light guide cable and a practical light intensity shutter.



Mechanical

Insertion Tube Sheathing	Stainless Steel Gooseneck
Insertion Tube Bend Radius	31mm (1.22 in)
Light Guide Cable Plug	IT Concepts
Handpiece	Sturdy Aluminum

Power Options

Option 1	Option 2	Option 3	Option 4
AC 100/110V to 220/240V	DC (Car Battery) - Light source to battery cable with crocodile clips. Ideal for under the car hood tasks.	DC (Lead Acid Battery Pack) - Connects securely to the light source and has a 40-60 minutes run time.	DC (Nickel Cadmium Battery Pack) - The lightest weight portable, go anywhere option provides power for 40-60 minutes.

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