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Find the *Davidson Optronics D-271* at our website: ***Click HERE***

Davidson Optronics
A TRIOPTICS COMPANY

Autocollimating Alignment Telescope | D-271



- Low cost
- Compact
- Easy to use
- Autocollimating
- Labor saving

This small precision Alignment Telescope is rugged, versatile and easy to use. It will align points along its optical axis to better than ±.010 inch (0.25 mm) up to 35 feet (10 m) away. Mechanical fixturing is made easy because the barrel is parallel to the optical axis. With the added feature of an autocollimator, reflective surfaces can be aligned perpendicular to the D-271.

The Model D-271V incorporates a video option with the alignment telescope, allowing the user to view the image of objects and alignment patterns on a monitor. The D-271V includes a video camera, monitor, relay lens, mounting brackets and all connecting cables.

Optional Accessories

- **D-165 High Intensity Light Source (may be required when autocollimating off of low reflectivity surfaces or small mirrors)**
- **D-212 Adjustable Instrument Stand**
- **D-416B 220V 50Hz Power Supply**
- **105-2761-271 Video Subsystem (included with D-271V)**

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West Covina, California 91790

Phone: (626) 962-5181
Fax: (626) 962-5188

www.davidsonoptronics.com
sales@davidsonoptronics.com

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Specifications

Right Angle Eyepiece:	24X
Focusing Range:	7 inch (178 mm) to infinity
Field of View:	0.75 inch at 1 ft (19 mm at 0.3 m) 3.5 inch at 5 ft (88.9 mm at 1.5 m) 12 inch at 15 ft (304.8 mm at 4.6 m)
Aperture:	0.9 inch (23 mm)
Length:	8.2 inch (208 mm)
Barrel:	1.5 inch (38 mm) diameter Stainless Steel
Reticles:	Projects center dot with 1 arc min graduations ±30 min Eyepiece – 0.000 5 inch (12.7 µm) wide cross hair
Light Source:	Incandescent lamp with D-416, 6 VDC variable power supply 110V/ 60Hz or 220V/ 50Hz
Measuring Range:	1 degree at 1 ft (0.3 m) ±10 arc min at 5 ft (1.5 m)
Carrying Case:	Hardwood
Weight:	2 lbs (0.9 kg)
Shipping Weight:	10 lbs (4.6 kg)

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