



Lenox Instrument Company, Inc.
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Portable Diagnostic Camera System With Illumination *for high-temperature, low-light, color video inspections Inside processing equipment*



The **Lenox** hand-held FireSight Diagnostic Camera System with Illumination enables high-resolution, color video monitoring and recording while inspecting the inside of processing equipment under low light or dark conditions. Designed to both view and illuminate, this mobile system allows operators to use one unit for inspecting various plant equipment or vessels and requires only one available 1-5/8 inch (41.3 mm) opening for viewing/illumination.

The FireSight High-Temperature Diagnostic System is self-contained, consisting of an air filtration and power system and 9-inch CCD color monitor packaged in a durable case with telescoping handle and wheels. The system's air-cooled right-angle viewing lens and integrated 250W lamp assembly is available in 36-inch, 48-inch, and 60-inch lengths. The system features quartz optics, a **Lenox** exclusive, that can withstand temperatures up to 1200°F (649°C) and a low is available consumption, compressed air-cooling system for reliable performance. An optional mini-digital video recorder is available for documentation.

The **Lenox** Portable FireSight Diagnostic System with Illumination is ideal for use during maintenance and commissioning of industrial boilers, furnaces, kilns, bag houses, SCR reactors, hot ducts, stacks, and chimneys.

(Contact Lenox for fixed and portable systems capable of operating at temperatures up to 3000°F (1649°C))



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FireSight Portable Diagnostic Camera Systems with Illumination Include:

- Wheeled Case with Telescoping Handle – includes 9” monitor, air filter and power systems.
- Air-cooled 55° Right Angle FireSight Lens Assembly with 250W Lamp End Cap (specify 36”, 48” or 60”)
- Portable Air-cooled CCTV Camera Housing Assembly
- High-resolution CCD Color Camera Assembly
- Light Volume Control – consists of a remote-controlled motorized iris located in the furnace lens-an exclusive to Lenox

Stock Number	Furnace Lens Length		Viewing Direction	FOV
	mm	(inches)		
Z6515FDC-403L	914	36”	Right Angle	55°
Z6515FDC-404L	1219	48”	Right Angle	55°
Z6515FDC-405L	1524	60”	Right Angle	55°

115VAC systems with GFCI protection for the lamp circuit

Additional Diagnostic System FireSight Furnace Lens Assemblies

Stock Number	Furnace Lens Length		Viewing Direction	FOV
	mm	(inches)		
Z6515DC-403L	914	36”	Right Angle	55°
Z6515DC-404L	1219	48”	Right Angle	55°
Z6515DC-405L	1524	60”	Right Angle	55°

FireSight Diagnostic System Options & Accessories

Stock Number	Description
6515S-MP4	Digital Recorder / Player

* Specifications subject to change without notice.