

# Kodak Industrex MX125

## Film

### UP TO THE CHALLENGE.



Simply put, KODAK INDUSTREX MX125 Film is tough. Tough as nails. Its static resistance is unparalleled in the industry, and its heat resistance is remarkable. The film is extremely durable; it can withstand the toughest handling (and even darkroom practices). It can also survive high humidity, and it's much less susceptible to handling artifacts than most films.

### The Basics

MX125 Film incorporates Carestream Health's patented T-GRAIN Emulsion technology. This medium-speed film offers very fine grain and very high contrast. It has excellent sensitivity, so it's perfect for critical radiography—especially with high energy. You can use it with direct x-rays or with lead foil screens. This film is classified as ASTM E 1815 Class I.

### Recommended Uses

KODAK INDUSTREX MX125 Film is available in many sizes and packaging formats, and it's designed for a wide range of applications, including:

- Aircraft inspection
- Aero-engines
- Archeological artifacts
- Assemblies
- Electrical components
- Castings
- Composites, fibre-reinforced
- Forensics
- Forestry
- Munitions, bomb disposal
- Nuclear applications
- Paintings, sculptures
- Pipelines
- Welded fabrication

### Get the T-Grain Emulsion Advantages

KODAK INDUSTREX Films with T-GRAIN Emulsion offer a brand new, state-of-the-art technology that's specifically designed for industrial radiographic testing applications. What does that mean for you?

### Outstanding Image Quality

With a cool, clean image tone and low noise, you get a sharp, clear image every time.

### Convenient Processing Flexibility

The films work well in standard process cycles—but they're just as effective in longer or shorter process cycles.

### Superb Durability

The films are static resistant, more heat resistant than conventional systems, incredibly sturdy, and you'll get fewer artifacts from handling.

# KODAK INDUSTREX MX125 Film

## Processing Options

MX125 Film can be processed manually or automatically in a range of processing cycles.

Notice: Observe precautionary information on product labels and Material Safety Data Sheets. Develop with rack and tank, using properly replenished solutions.

## Automatic Processing

See Carestream Health publication TI-2621, *Processing KODAK INDUSTREX Films*, for additional information on automatic processing.

## Film Characteristics (Sensitometric)

ISO/EN exposure conditions: 200/220 kV, lead screens; KODAK INDUSTREX Single Part Developer Replenisher and KODAK INDUSTREX LO Fixer and Replenisher.

| KODAK INDUSTREX Processors/Cycles | Base + Fog | Contrast <sup>1</sup> |
|-----------------------------------|------------|-----------------------|
| M431C—8 min 79°F (26°C)           | 0.20       | 5.15                  |
| M431C—5 min 86°F (30°C)           | 0.20       | 5.05                  |

<sup>1</sup>Contrast calculated between net densities of 1.5 and 3.5.

## Manual Processing

See Carestream Health publication TI-2643, *Guide to Manual Processing of KODAK INDUSTREX Films*, for additional information on manual processing.

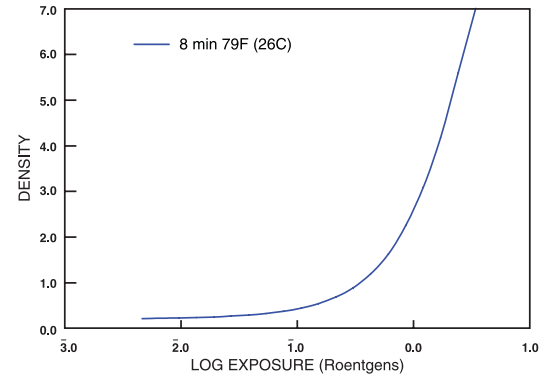
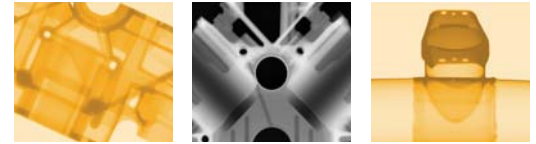
Develop with rack and tank, using properly replenished solutions.

| Developer                             | Temperature | Recommended Time (Minutes) | Agitation                     |
|---------------------------------------|-------------|----------------------------|-------------------------------|
| KODAK INDUSTREX Single Part Developer | 68°F (20°C) | 5                          | Intermittent                  |
| Replenisher                           | 72°F (22°C) | 4                          | (5 seconds, every 30 seconds) |
|                                       | 75°F (24°C) | 3                          |                               |
|                                       | 79°F (26°C) | 2                          |                               |

## For More Information



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### Exposure:

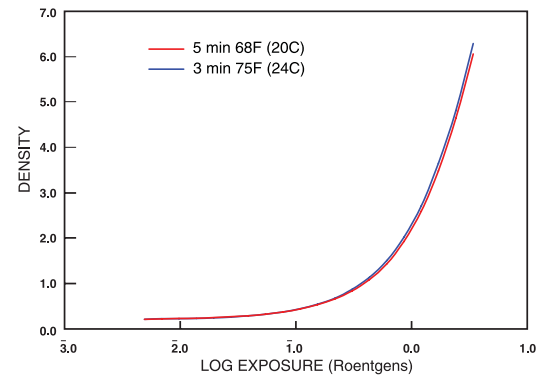
220 kV Direct X-rays with lead screens

### Processing:

KODAK INDUSTREX Processor  
KODAK INDUSTREX Chemicals

### Densitometry:

Diffuse Visual



### Exposure:

220 kV Direct X-rays with lead screens

### Processing:

Manual; KODAK INDUSTREX Single Part Developer Replenisher

### Densitometry:

Diffuse Visual

**Kodak**

Licensed Product

**Carestream**   
HEALTH

Exclusive manufacturer of **Kodak** INDUSTREX Products