

Kodak Industrex

Flex GP Digital Imaging Plate **SO-170** and
Flex HR Digital Imaging Plate **2174**

**INDUSTRIAL CR APPLICATIONS MADE EASY BY
KODAK INDUSTREX PRODUCTS.**



Carestream Health's innovative research and development teams are continually working to make sure you have the products you need for any non-destructive testing (NDT) application anywhere in the world. We are committed to creating better solutions and products for today's computed radiography (CR) applications for NDT.

Our INDUSTREX Digital Imaging Plates are a prime example. They offer the flexibility of film without the need for wet processing. This lets you capture and read images quickly and easily, both in the field and in the lab. You can manipulate the images if needed and store or share them digitally. And they work with KODAK CR Systems including the KODAK INDUSTREX ACR-2000 and ACR-2000i Digital Systems.

KODAK INDUSTREX Digital Imaging Plates are a natural fit for computed radiography in Non-Destructive Testing applications.

KODAK INDUSTREX Flex GP and HR Digital Imaging Plates are:

- **Flexible** – Wrap around most shapes.
- **Sharp** – Better resolution than high-speed films, and a suitable replacement for many applications.
- **Available in Multiple Sizes** – To cover a wide range of applications.
- **Portable** – With a KODAK INDUSTREX Digital System, image capture in remote areas is easier than ever.
- **Versatile** – Use in a rigid or flexible cassette.
- **Efficient** – Phosphor plates can be erased and reused thousands of times, require less exposure than film, and provide faster image access.
- **Certified** – When used with KODAK INDUSTREX ACR-2000 and ACR-2000i Digital Systems, both plates meet requirements for the highest system class: IP 1/100 according to EN 14784-1 and IP Special/100 according to ASTM E 2446.

KODAK INDUSTREX Flex GP Digital Imaging Plate SO-170 and Flex HR Digital Imaging Plate 2174

The KODAK INDUSTREX Flex HR Digital Imaging Plate 2174 features approximately 20% higher resolution than the KODAK INDUSTREX Flex GP Digital Imaging Plate SO-170—for the most demanding applications.

KODAK INDUSTREX Flex GP Digital Imaging Plate SO-170

ASTM System Class ASTM E2446	CEN System Class EN 14784-1	Minimum SNR	Minimum (INDUSTREX) Pixel Intensity	ISO/CEN Speed
ASTM Special/100	IP 1/100	130	2139	640
	IP 2/100	117	1938	1000
	IP 3/100	78	1337	4000
ASTM IP I/100	IP 4/100	65	1136	6300
ASTM IP II/100	IP 5/100	52	936	10000
ASTM IP III/100	IP 6/100	43	797	1250

KODAK INDUSTREX Flex HR Digital Imaging Plate 2174

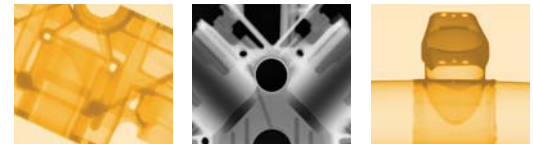
ASTM System Class ASTM E2446	CEN System Class EN 14784-1	Minimum SNR	Minimum (INDUSTREX) Pixel Intensity	ISO/CEN Speed
ASTM Special/100	IP 1/100	130	1770	1000
	IP 2/100	117	1632	1250
	IP 3/100	78	1218	3200
ASTM IP I/100	IP 4/100	65	1080	5000
ASTM IP II/100	IP 5/100	52	942	6300
ASTM IP III/100	IP 6/100	43	846	8000

The tables above show the minimum (logarithmic) pixel intensities required for each system class, as they appear in the INDUSTREX Digital Viewing Software, V1.5 and higher. These values pertain to the area of interest in the computed radiograph.

From training to customer services to technical assistance, our support is worldwide and world class. We provide what you need to get the job done, leaving you free to concentrate on your mission-critical objectives.

For More Information

To learn more about the KODAK INDUSTREX Flex GP Digital Imaging Plate SO-170, Flex HR Digital Imaging Plate 2174, and other Carestream Health NDT products and solutions, contact a Carestream Health representative at 877-865-6325 ext 714 or visit www.carestreamhealth.com/go/ndt.



PRODUCT SPECIFICATIONS

Compatible CR Equipment

- KODAK INDUSTREX ACR-2000 Digital System
- KODAK INDUSTREX ACR-2000i Digital System

Recommended Uses

KODAK INDUSTREX Digital Imaging Plates are available in many sizes, and are designed for a wide variety of CR NDT applications, including:

- Castings
- Erosion and Corrosion
- Pipeline Inspection
- Welded Fabrication

KODAK INDUSTREX Flex GP Digital Imaging Plate SO-170

Cat No	Plate Size
101 7524	10 x 24 cm / 3.9 x 9.5 in.
188 5979	10 x 40 cm / 3.9 x 15.75 in.
100 4266	11 x 25 cm / 4.5 x 9.5 in.
858 4534	11 x 43 cm / 4.5 x 17 in.
188 0723	13 x 18 cm / 5 x 7 in.
135 5478	18 x 43 cm / 7 x 17 in.
852 0454	20 x 25 cm / 8 x 10 in.
864 0344	25 x 30 cm / 10 x 12 in.
174 4390	30 x 40 cm / 12 x 15.75 in.
100 8564	35 x 43 cm / 14 x 17 in.
143 2722	35 x 129 cm / 14 x 51 in.
112 4460	35 x 152 cm / 14 x 60 in.

KODAK INDUSTREX Flex HR Digital Imaging Plate 2174

Cat No	Plate Size
117 8565	10 x 24 cm / 3.9 x 9.5 in.
159 7921	10 x 40 cm / 3.9 x 15.75 in.
168 0214	11 x 25 cm / 4.5 x 9.5 in.
146 6945	11 x 43 cm / 4.5 x 17 in.
849 1615	13 x 18 cm / 5 x 7 in.
184 8688	18 x 43 cm / 7 x 17 in.
177 5576	20 x 25 cm / 8 x 10 in.
117 4424	25 x 30 cm / 10 x 12 in.
842 5159	30 x 40 cm / 12 x 15.75 in.
836 0521	35 x 43 cm / 14 x 17 in.
808 2596	35 x 152 cm / 14 x 60 in.

Kodak

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