

Kodak T-Mat E

Dental Film

Kodak T-Mat E dental film is an extraoral x-ray film for use with green-emitting screens.

When paired with Lanex regular or medium screens, it is an excellent film-screen combination for panoramic, cephalometric and TMJ radiography.



T-Mat E dental film is a medium-contrast film with excellent image detail. It is extremely stable and its sensitometric characteristics provide increased processing latitude and resistance to process and handling artifacts.

Processing

Automatic

Kodak T-Mat E dental film can be processed in a variety of automatic processors suited to larger film sizes. The cycle time is standard one. For best results use Kodak RP X-Omat chemicals.

Kodak T-Mat E dental film is also suited to all dental processors for extraoral films with a cycle time of 4 or 8 minutes. Recommended chemicals are Kodak Readymatic dental developer and fixer.

Manual

Kodak T-Mat E dental film can also be processed manually. Recommended chemicals are Kodak GBX developer and fixer.

Description	Temperature	Time	Agitation
Developer	20°C	5 min	only at the beginning to remove any surface bubbles
Stopbath (water)	16 to 30°C	30 sec	continuously
Fixer	16 to 30°C	3-5 min	continuously at the beginning then every 30 seconds
Rinsing	16 to 30°C	5-10 min	running water
Drying	max 50°C		

Exposure Guidelines for T-Mat E dental film for adult patients* used with Kodak Lanex regular screens.

Examination	Image Receptor Distance	Approximate Exposure in Seconds**		
		65 kVp 10 mA	75 kVp 10 mA	90 kVp 10 mA
Ramus of mandible; body of mandible	38 cm (15 in)	1/15	1/20	1/30
Lateral skull	76 cm (30 in)	3/5	3/10	1/12
Posteroanterior skull (granger technic)	76 cm (30 in)	2/3	1/3	1/5
Temporomandibular articulation	25.4 cm (10 in)	1/10	1/20	1/30
Cephalometric radiography	152 cm (60 in)	2/3	1/3	1/5

*For children: Reduce adult exposure time about one-third to one-half.

**Based on half-wave rectified units.

Ordering Information*

Size	Description	Films/Pkgs	CAT Number
Panoramic radiography			
12.7 x 30.5 (5 in x 12 in)	T-Mat E	50	161 7976
12.7 x 30.5 (5 in x 12 in)	T-Mat E	100	521 6775
15.0 x 30.0 (6 in x 12 in)	T-Mat E	50	197 0771
15.0 x 30.0 (6 in x 12 in)	T-Mat E	100	521 6742
Cephalometric radiography			
18.0 x 24.0	T-Mat E	50	845 0942
20.3 x 25.4 (8 in x 10 in)	T-Mat E	50	172 4178

*Check with your local distributor for availability of specific items

For more information, call **1-800-933-8031** or visit: www.kodakdental.com



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