

Dental X-ray film for intraoral treatments *SKYDENT / speed F*

- Double side coated film on blue tinted PET-base
- high contrast and fine grain
- ISO speed class F
- excellent image quality and outstanding detail definition
- its high sensitivity enables reducing the doses of radiation to patients by 50 % in comparison with D-speed films and by 25 % in comparison with E-speed film
- film is intended for intraoral X-ray diagnostics only
- processing with all standard X-ray film chemicals manually or by machine
- ISO size 2 - 31 x 41 mm / 150 sheets / pack
- extra soft plastic cover with rounded edges
- saliva save, sterilizable
- flexible but nevertheless shape retaining



EXPOSURE TIMES

RECOMMENDED EXPOSURE TIMES*			
Adjustment: 65 kV, 8 mA. Focus film distance = 20 cm			
Maxilla	Exposure (s)	Mandible	Exposure (s)
Incisor	0.14	Incisor	0.11
Premolar	0.18	Premolar	0.12
Molar	0.20	Molar	0.14

*Indicated parameters are tentative! For correct exposure adjustment use the values recommended by the manufacturer of your X-ray machine

Note:

For making children's exposures reduce the exposure time by approx. 33 %

For making exposures of empty spaces reduce the exposure time by approx. 25 %

For the best possible results it is necessary to reflect all the changes (exposure, mA, kV, focus film distance) in other parameters.

PROCESSING

Manual processing	Automatic processing
developing times/temperature	processing times/temperature
5.0 min/20 °C	5.0 min/27 °C 4.5 min/28 °C 4.0 min/29 °C
4.5 min/21 °C	
4.0 min/22 °C	
fixing times	
2.0 min/15 – 30 °C	



The film can be exposed in daylight. Exposed films can be processed either manually or in processors. The manual processing should be carried out in a darkroom under indirect dark-red or olive-green safelight. Recommended safelight filters are, for example: Kodak GBX-2, Agfa R1 (dark-red), Agfa G7 (olive-green) and its analogies. It is possible to use any liquid good-quality trademarked chemicals for processing. It is NOT recommended using tablet or powder chemicals.

STORAGE

- storing of the films from + 10 up to 25°C and relative humidity 40-60 %
- protection necessary against ionizing radiation (max. 90 mGy/h) and against the influence of chemicals and gases