

# DENTIX<sup>®</sup> PANORAMIC Blue

EXTRA-ORAL RADIOGRAPHIC FILM

## Characteristic

DENTIX PANORAMIC Blue is blue-sensitive X-ray film of a high-quality, high-contrast and low-fog designed for use with blue-emitting intensifying screens. The film is suitable for all extra-oral radiographic techniques.

## Application

Film is used for all extra-oral radiographic techniques, as

- Panoramic tomography
- Cephalometry
- Radiography for orthodontic diagnostics

Film is to be used in combination with intensifying screens, emitting in ultraviolet and blue regions of spectrum. Film can be used with all standard intensifying screens of well-known producers (e.g. AGFA, CAWO, MCI OPTONIX, KODAK, FUJI etc.), emitting in above mentioned regions of spectrum. E.g. screens Ultravision Fast Detail (200), Ultravision Rapid (400) for UV, Rarex Blue Fast Detail (400) and Agfa Curix Blue 200 HC or Agfa Curix Blue 400 HC for blue part of spectrum can be used.

## Advantages

- Universal applicability as a standard film
- High quality of pictures, even in case of processing the film not in fully optimal conditions
- Resistivity against the desensibilization effects
- The usage of an antistatic layer, not allowing the creation of electrostatic discharges

## Packaging

Film is delivered in the 15x30 cm or 5"x12" (12,7 x 30 cm) sizes, eventually in non-standard sizes in a cardboard box, containing 100 sheets of film NIF.

## Darkroom illumination

The film is processed at yellow or diode safety illumination with wavelength of 660 nm and higher. Length of exposure and a distance of the processed material from the illumination source should be tested.

## Processing

DENTIX PANORAMIC Blue can be processed in roller processors in 90 seconds cycle time (or longer), or manually in tanks, using common chemicals. Optimum results is reached with FOMA LP-D Developer and FOMAFIX+ FOMAFIX H rapid fixer for automatic processing and FOMA LP-T Developer and FOMAFIX rapid fixer for manual processing.

## Storage

Films should be stored in original packaging (boxes should be stored in vertical position) at 10-25 °C and rel. humidity 40-60%, out of ionizing radiation and aggressive gases. The same conditions apply to shipping. If this is not otherwise possible due to technical reasons, the temperature and / or humidity can be exceeded up to 50 °C resp. 80% during the transport for a total period of up to 168 hours; the same applies to lowering the temperature and / or humidity up to -15 °C resp. 10%. For long-term storage, it is recommended to store the films at 0-10 °C. If the difference between the storage temperature and the film use temperature is higher than 15 °C, the film should be allowed to adjust to the target temperature for at least 3 hours before its use. The inventory should rotate.

## Warning:

*Usage and processing of the DENTIX film result in waste that is classified as hazardous waste and for this reason an ecological liquidation and recycling is necessary.*

## **Classification of waste:**

- *photographical film and paper containing silver or silver compounds*
- *mixed waste*
- *residual developer (dangerous waste)*
- *residual fixer (dangerous waste)*

