

CEADENT

DENTAL PRODUCT PROGRAM

▪ Intra-oral films

CEA DI intra-oral films

GENERAL DESCRIPTION

CEA DI is a high contrast, high speed intra-oral film for direct dental radiography. It is designed to be used in all commercially available dental radiographic equipment units. The speed class is "E" in accordance with ANSI/ISO. Despite the high speed, the detail resolution is very high. The fine grain emulsion will result in very homogenous images with extremely fine details.

PRODUCT BENEFITS

- Very high speed gives low radiation dose to the patient
- High contrast and maximum density
- Fine grain for optimal image resolution
- Balanced blue tint base and very low base fog
- User-friendly packaging

PACKAGING

The film is sandwiched between black paper and lead foil in soft user-friendly plastic packets. Each film is embossed with a dot to ensure proper orientation of the film.



SIZES

Size 2 (adult size), 31x41 mm, 150 soft vinyl films per box. This size is also available as double film.
Size 0 (children size), 22x35 mm, 100 soft vinyl films per box.

PROCESSING

CEA DI can be processed in all kinds of X-ray processing systems that ensure a minimum time as required for intra-oral films.

- **Automatic processors:** Total processing time is dependent on temperature and the type of processor being used, 4 to 6 minutes or longer.
- **Mechanised tank development with automatic film transport:** Total processing time is dependent on processing time being used.
- **Manual development of films in tanks or trays:** Recommended development time of 5 minutes at a temperature of 20° C. The fixing time should be twice the clearing time, at least 2 minutes. In order to ensure good archiving quality, the films must be washed in running water (18-22° C) for a minimum of 10 minutes.

DARKROOM HANDLING

The intra-oral film is compatible with most typical safelights in use. All lamps with radiated light starting from 500 nm can be used. Darkroom lighting with sodium or mercury vapour lamps or darkroom lamps with green, red, orange-red or yellow safety filter can be used.



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