

Section 2: Description and Specifications

Description

The *Kodak X-Omatic* IDENTIFICATION CAMERA, MODELS 4, 4L, and 4SL (hereafter referred to as the ID CAMERA), records patient identification data onto x-ray film in lighttight cassettes.

The camera provides:

- Dual lenses for use with C-1 and C-1N windows for MODELS 4 and 4L
- Excellent image quality with high-quality lenses
- Operation in **normal** room illumination
- The exact time and date of the exposure recorded on the film with a variety of customized date and time formats available
- The serial number of the camera is recorded on the film for all models and lens positions except the C1N position in the MODEL 4SL.
- Choice of both anterior-posterior and posterior-anterior imaging
- MODEL 4 records patient data on the upper corner of the film
- MODEL 4L and 4SL records patient data on the lower corner of the film

When you insert a CASSETTE correctly into the SLOT above the BASE, and a patient ID CARD is inserted into either the P-A or A-P SLOT, the camera automatically:

- [1] Actuates a mechanical ARM to open a WINDOW in the CASSETTE
- [2] Illuminates the LAMPS to record the identification data, time, and date on the film
- [3] Closes the WINDOW in the CASSETTE.

This entire operation takes approximately 2 seconds.

Specifications

Space Requirements

- The physical characteristics of the camera are:

Height:	32.5 cm (12.80 in.)
Width:	32.4 cm (12.76 in.)
Depth:	43.5 cm (17.13 in.)
Weight:	12 kg (26.5 lb)
- Install the camera on a flat surface, with a minimum space above the camera of approximately 75 cm (30 in.).
- To be able to insert the largest CASSETTES, provide these clearances:
 - 1 m (3 ft) between the **front** edge of the camera and the nearest wall
 - 1 m (3 ft) between the **right** edge of the camera and the nearest wall

Environmental Requirements

The camera operates in the ambient room conditions normally encountered in an x-ray department:

- 15 to 30°C (59 to 86°F)
- 15 to 76% relative humidity

Cassettes

The ID CAMERA will operate with the following CASSETTES:

- All sizes of *Kodak X-Omatic* CASSETTES with C-1 windows
- All sizes of *Kodaflex* CASSETTES with C-1 WINDOWS
- All sizes of *Kodak Min-R 2* CASSETTES with C-1N windows

Power Requirements

- [1] For the MODEL 4, 4L, and 4SL ID Cameras:** These cameras will operate correctly at the following voltages and frequencies. The cameras are internally switchable to obtain each of the following voltage ranges.
- [2]** Do **not** connect the camera to a power source that serves other equipment.
- [3]** Small variations in the voltage can cause variations in the density of the film. If necessary, install a voltage regulator for a constant AC voltage to the camera.
- [4]** Use a reliable ground.
- [5]** Use the correct FUSE for your current.

	Model	Frequency (Hz)	Maximum Current (A)	V AC 10%	Fuse
	4, 4L, and 4SL	50 or 60	3	100	UL/CSA 3 A
		50 or 60	3	120	UL/CSA 3 A
		50 or 60	1.5	220	TUV 1 A
		50 or 60	1.5	230	TUV 1 A
		50 or 60	1.5	240	TUV 1 A