

Film Processor Quality Control Kit



Whenever x-ray film is used, a consistent high quality image depends on the quality of the film processing system. The components of Standard Imaging's Film Processor QA Kit; X-Rite Densitometer, X-Rite Sensitometer, Digital Thermometer, and textbook provides everything necessary for establishing an x-ray film processor quality assurance and maintenance program.

The included textbook, *The Basics of Film Processing in Medical Imaging* by Arthur G. Haus and Susan M. Jaskulski, is intended to meet the ongoing demand from all individuals involved in medical imaging for useful, practical information on film processing. The book is organized into seven chapters, including film, chemicals, processors, image quality, quality control, artifacts, and troubleshooting. Using the equipment in this kit to apply the principles of the textbook will reward you with consistent film processing, a necessary foundation for your medical imaging chain.

Specifications:

X-Rite 331 Densitometer Measuring area, 1.0mm and 2.0mm diameter. Measuring range, 0 - 4.0D. Accuracy, Better than $\pm 0.02D$. Repeatability, better than $\pm 0.01D$. Power supply, 4 rechargeable AA Nicad batteries. Weight, 688gm.

X-Rite 334 Sensitometer Exposure stability, ± 0.02 log exposure per year. Unit to unit repeatability ± 0.04 log exposure. Power supply, 9V alkaline battery. Blue color peak wavelength, $460\text{nm} \pm 10\text{nm}$. Green color peak wavelength $510\text{nm} \pm 10\text{nm}$. Weight, 570gm.

Cooper TM99A Digital Thermometer Temperature range, -40C to 150C (-40 to 300F). Power supply, 9V alkaline battery.



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