

Model L-777 CR/DR Test Tool



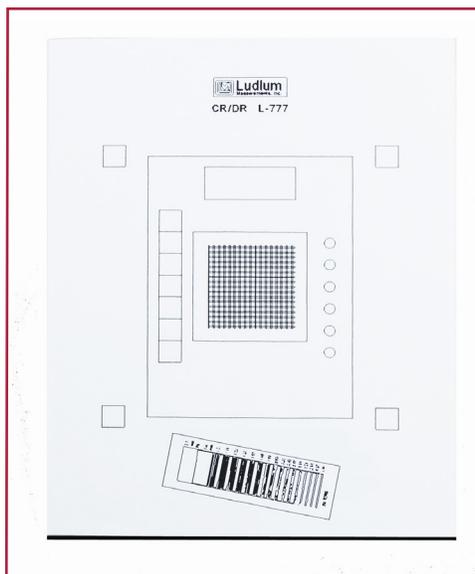
Ludlum Measurements, Inc.

Introduction

The Ludlum Model L-777 CR/DR Test Tool is designed for the evaluation of the newer filmless digital CR (Computed Radiography) and DR (Digital Radiography) imaging systems.

The tool incorporates a variety of testing parameters that, when used daily, track geometry (region of interest) symmetry, line-pair resolution, as well as high contrast performance. The center features a 20-line-per-inch wire mesh pattern for quick visual evaluation of the system resolution. Measurements of the various targets allow for evaluation of both the monitor and printed film image. The CR/DR tool is a valuable asset to the QA technologist and the medical physicist when trying to determine the source of an image quality problem or complaint.

The large size makes it ideal for quick checks on automated chest systems.



Specifications

Part Number 99-9412

Dimensions: (43.2 x 35.6 x 1.3 cm (17 x 14 x 0.5 in.)
(H x W x D)

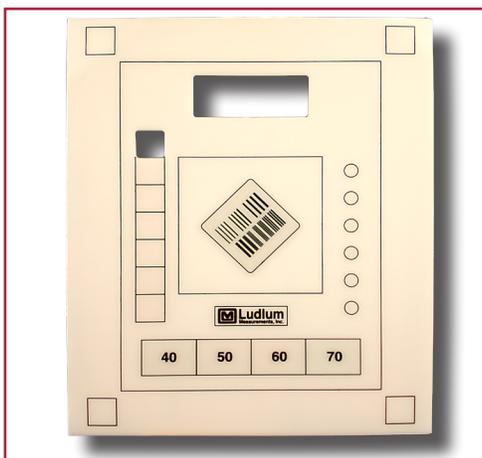
Weight: 3.2 kg (7 lb)

Model L-777 Mini CR/DR Mini Test Tool

Introduction

The L-777 Mini uses a variety of testing parameters that track the uniformity, contrast, and resolution of the imaging system by means of subjective and precise values of the targets within the tool. High Contrast, Low Contrast, Gross Resolution, Fine Resolution, as well as general uniformity and general edge sharpness may be determined.

A benchmark image is obtained using the L-777 Mini instrument, and then used for comparison during future evaluations. Testing the system as directed by the medical physicist or quality assurance manager provides data on quality, performance, and trends. More frequent testing helps identify any developing issues before they can become a problem.



Specifications

Part Number 99-9458

SIZE: 30.5 x 25.4 x 0.95 cm (12 x 10 x 0.38 in. (H x W x D)

WEIGHT: 1.4 kg (3 lb)