

Model 180-1L

Sample Holder with Painted Lead Collimator

Radiation Detection for a Safer World



Ludlum Measurements, Inc.



Part Number: 47-2988

Introduction

The Ludlum Model 180-1L Sample Holder with Painted Lead Collimator accepts samples up to 4.7 cm (1.8 in.) maximum diameter. The design allows the user to easily adjust the space from the detector to the sample tray in 0.32 cm (0.125 in.), 0.64 cm (0.25 in.), 1.3 cm (0.5 in.), 2.5 cm (1 in.), and 5.1 cm (2 in.) increments.

Specifications

INDICATED USE: repeatable geometry counting of wipes, filter paper, or slides

SAMPLE SIZE: 4.7 cm (1.8 in.) diameter maximum

SAMPLE TRAY: selectable spacing of 0.32 cm (0.125 in.), 0.64 cm (0.25 in.), 1.3 cm (0.5 in.), 2.5 cm, (1 in.), and 5.1 cm (2 in.) from detector

SUGGESTED DETECTORS: Models 43-2, 44-1, 44-2, 44-3, 44-21, 44-98, (all 5.1 cm [2 in.] OD detectors)

CONSTRUCTION: 0.64 cm (0.25 in.) thick painted lead collimator with anodized aluminum frame and sample tray

SIZE: 13.9 x 8.4 x 9.7 cm (5.5 x 3.3 x 3.8 in.) (H x W x L)

WEIGHT: 1.4 kg (3 lb)

ALSO AVAILABLE: Model 180-1
Sample Holder and Collimator with anodized
aluminum frame and sample tray
(Part Number 47-1675)

