

# Model 180-1 Sample Holder with Collimator

*Radiation Detection for a Safer World*



Ludlum Measurements, Inc.



Part Number: 47-1675

## Introduction

The Ludlum Model 180-1 Sample Holder with 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: 43-2, 44-1, 44-2, 44-3, 44-21, 44-98, (all 5.1 cm [2 in.] OD detectors)

CONSTRUCTION: 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: 0.5 kg (1.1 lb)

**ALSO AVAILABLE:** Model 180-1L

Sample Holder with 0.64 (0.25 in.) painted lead collimator with aluminum frame and sample tray (Part Number 47-2988)

