

Model 180-2 Sample Holder

Radiation Detection for a Safer World



Ludlum Measurements, Inc.



Part Number: 47-1665

The Model 180 Series of sample holders are designed to ensure accuracy and repeatability when counting samples. This model has five levels for the sample tray and permits the user to select the desired distance by merely sliding the tray into the corresponding groove. A notch accommodates the handle of the commonly-used Model 44-9 Detector (below) to permit parallel positioning of testing sample and the detector face.

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

CONSTRUCTION: anodized aluminum frame and sample tray

SUGGESTED DETECTOR: 44-9

SIZE: 9.1 x 7.6 x 15.2 cm (3.6 x 3 x 6 in.) (H x W x L)

WEIGHT: 0.40 kg (0.9 lb)



Model 44-9
Part Number 46-1539

Model 44-9 Radiation Detector

The Model 180-2 Sample Holder is designed to easily accommodate Ludlum's Model 44-9 Radiation Detector when checking for contamination on samples. Sensitive to alpha, beta, and gamma radiation, this versatile and ruggedly constructed detector is compatible with many Ludlum meters.