

Model 9-7-LD, -BM, and -BH

Ion Chamber Detectors for Model 9-7



Ludlum Measurements, Inc.

Model 9-7-LD shown with Model 9-7 Ion Chamber Model 9-7 (Part No. 48-3689)

Low Range Ion Chamber Detector - Model 9-7-LD

APPLICATION: detects gamma radiation, fits the Ludlum Model 9-7
RANGE: 0.001–1.999 R/hr
RESOLUTION: 0.001 R/hr (1.0 mR/hr)
LINEARITY: $\pm 10\%$
CHAMBER VOLUME: 50 cm³ (3.1 in³)
HUMIDITY: 0–90%, non-condensing
SIZE: 3.8 x 21.6 cm (1.5 x 8.5 in.) (Dia x L)
WEIGHT: 0.3 kg (0.7 lb)
PART NUMBER.: 47-3693



Medium Range Ion Chamber Detector - Model 9-7-BM

APPLICATION: detects beta/gamma radiation, fits the Ludlum Model 9-7
RANGE: 0.1–199.9 R/hr
RESOLUTION: 0.1 R/hr (100 mR/hr)
LINEARITY: $\pm 10\%$
CHAMBER VOLUME: 7 cm³ (0.43 in³)
HUMIDITY: 0–90%, non-condensing
BETA SHIELD: removable acrylic shield, approximately 9 mm thick
SIZE: 4.8 x 14 cm (1.9 x 5.5 in.) (Dia x L), including beta shield
WEIGHT: 0.18 kg (0.40 lb), including beta shield
PART NUMBER.: 47-3694



High Range Ion Chamber Detector - Model 9-7-BH

APPLICATION: detects beta/gamma radiation, fits the Ludlum Model 9-7
RANGE: 0.01–19.99 kR/hr
RESOLUTION: 0.01 kR/hr (10 R/hr)
LINEARITY: $\pm 10\%$
CHAMBER VOLUME: 7 cm³ (0.43 in³)
HUMIDITY: 0–90%, non-condensing
BETA SHIELD: removable acrylic shield, approximately 9 mm thick
SIZE: 4.8 x 14 cm (1.9 x 5.5 in.) (Dia x L), including beta shield
WEIGHT: 0.18 kg (0.40 lb), including beta shield
PART NUMBER: 47-3696



(Note: These detectors are not RoHS compliant.)