# RADIOACTIVE SOURCES

odels WLx-AM / AM-241 are Americium alpha disk sources

## Applications:

- Set up portable alpha survey instruments
- Verify operation of portable alpha survey instruments

#### Features:

- Stable
- Long life (433 years)
- Small and light
- Easy to use



The AM-241 consists of a small stainless steel disk with the Americium source material deposited on one side. As the Americium 241 decays it gives off alpha particles. The WLx-AM consists of the AM-241 radioactive source placed in a holder that is specifically designed to attach to the Pylon WLx system.

## **Specifications:**

Parent nuclide: Am-241

Nominal activity: 85 mBq (5 nCi) to

1147 mBq (31 nCi)

Operating Temperature Range:0 to +50 °C (+32 to +122 °F)

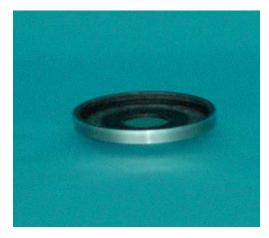
Storage Temperature Range: -20 to +75 °C

(-4 to +167 °F)

Relative Humidity Range:0 to 90 %

WLx-Am

Diameter: 5.6 cm (2.2 in.) Height: 1.4 cm (0.6 in.) Weight: 26 g (0.06 lb.)



WLx-AM

AM-241

Diameter: 25 mm (0.87 0.984 in.) Thickness: 0.762 mm (0.03 in.)

Values are nominal.

# Ordering Information:

Model	Part #	Description
WLx-AM	6204619	WLx Americium 241 Source
AM-241	1121063	Americium 241 Planchette Source

THESE SOURCES CONTAIN RADIOACTIVE MATERIALS. PYLON REQUIRES A COPY OF THE USER'S RADIOISOTOPE LICENCE PRIOR TO SHIPPING THESE PRODUCTS.

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