

Needle Sources

Spectrum Techniques

ALPHA

PO-210 NEEDLE SOURCE



The Po-210 needle source is designed for creating a point source inside a cloud chamber for demonstrating alpha radiation tracks.

The Po-210 is deposited onto the eyelet of a needle which is mounted on a test tube stopper. The stopper is placed into a test tube for protection during shipping and storage.

Activity: 0.01 μCi (0.37 kBq)

All Po-210 needle sources have an uncertainty of +/-20% and not available for calibration.

BETA

SR-90 NEEDLE SOURCE



The Sr-90 needle source is designed for creating a point source inside a cloud chamber for demonstrating beta radiation tracks.

The Sr-90 is deposited onto the eyelet of a needle which is mounted on a test tube stopper. The stopper is placed into a test tube for protection during shipping and storage.

Activity: 0.01 μCi (0.37 kBq)

All Sr-90 needle sources have an uncertainty of +/-20% and not available for calibration.

ALPHA/BETA

PB-210 NEEDLE SOURCE



The Pb-210 needle source is designed for creating a point source inside a cloud chamber for demonstrating alpha and beta radiation tracks.

The Pb-210 is deposited onto the eyelet of a needle which is mounted on a test tube stopper. The stopper is placed into a test tube for protection during shipping and storage.

A special source specifically for Physics Enterprises' Diffusion Cloud Chamber is also available.

Activity: 0.01 μCi (0.37 kBq)

All Pb-210 needle sources have an uncertainty of +/-20% and not available for calibration.