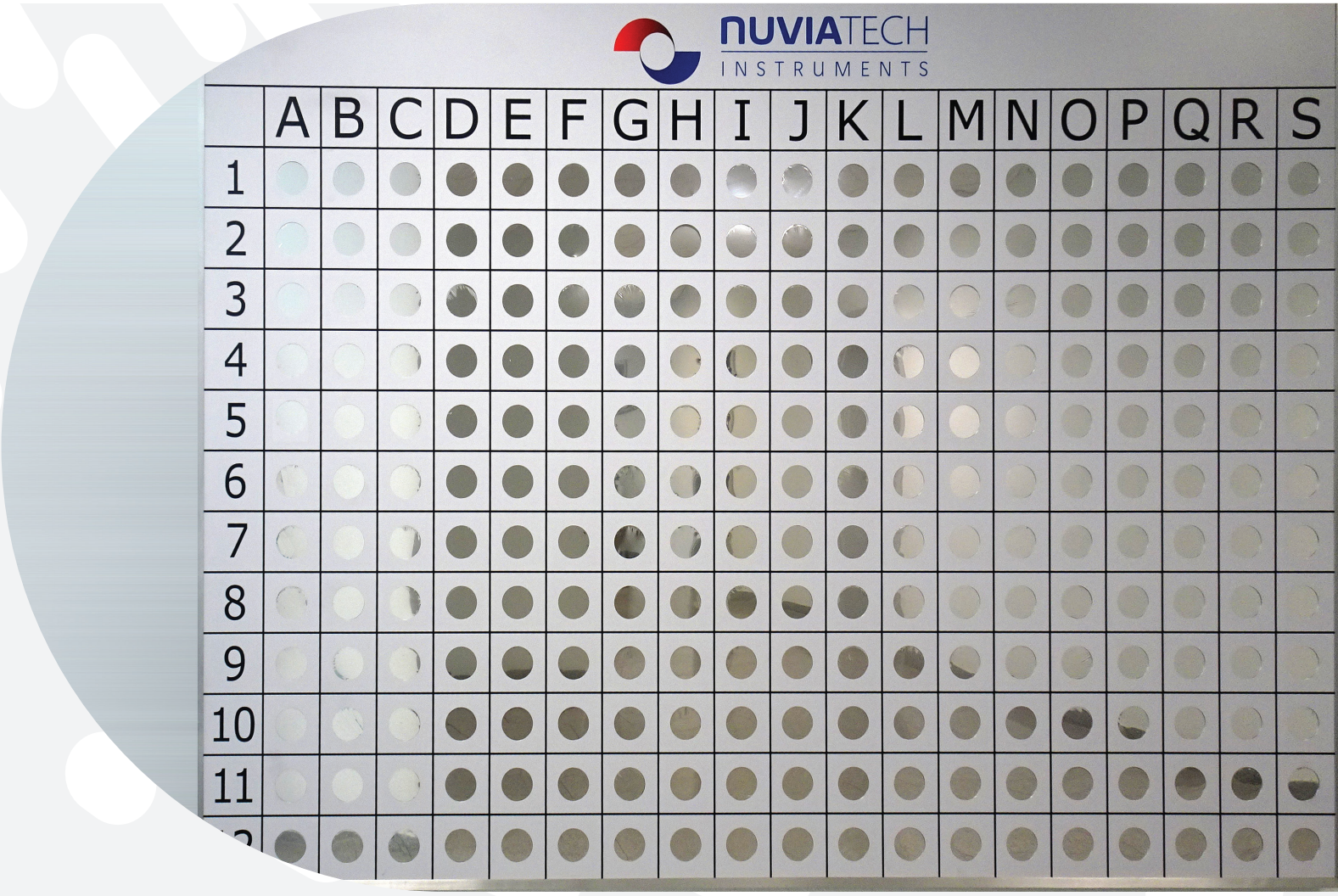
NUVIATECH INSTRUMENTS

SPECIFICATION SHEET

NuSearch Wall

CONTAMINATION SEARCH WALL FOR TRAINING OF RADIATION SAFETY PERSONNEL



In the case of an emergency or when evaluating radiation safety measures, the operating personnel needs to have a profound experience with their measurement equipment.
NUVIATech Instruments' new contamination search wall offers a great way for training how to localise and identify contaminations. 228 drawers can be equipped individually with β-, γ- and even α-sources.
The NuSearch Wall is an ideal solution for preparing radiation safety officers, emergency response units and other target groups in the field of contamination.

Benefits

- Safe and fun way to train personnel
- 228 different drawers allow hidden and complex positioning of the sources
- Movable stand optional
- Smaller mobile version also available (NuSearch Drawer)

Key Figures

228 positions
➥ *For radioactive sources*

α–, β– and γ–
➥ *Measurements*

60 mm
➥ *Diameter of sources*

NuSearch Wall

CONTAMINATION SEARCH WALL FOR TRAINING
OF RADIATION SAFETY PERSONNEL

Product Description

Having experience how to use measurement devices is crucial in emergency situations and when installing or following radiation safety procedures. However, locating radioactive contaminations is fortunately not a task that emergency response units must deal with on a daily basis.
The NuSearch Wall provides the opportunitiy to gain experience and refresh the skills needed for these rare but crucial situations.
In a safe environment, complex measurement tasks can be trained. The thin mylar-foil not only allows β– and γ-sources to be hidden, but is even permeable for α-radiation. As a result, the whole range of contamination measurements can be practiced with the NuSearch Wall.

Performance Characteristics

- Complex measurement scenarios possible
- Ideal for learning and refreshing crucial skills for rare situtations
- Whole range of contamination measurements can be practiced: α-, β-, and γ– permeable foil
- Available sources with 60 mm diameter:
  - Am-241, 1 & 3 kBq (α)
  - Pu-239, 200 Bq (α)
  - Sr-90, 1 & 3 kBq (β)
  - Co-60, 1 & 3 kBq (β, γ)
  - Cs-137, 1 & 3 kBq (β, γ)
  - Ba-133, 7.4 kBq (γ)
  - Mn-54, 18.5 kBq (γ)

  Note: The suffix (α, β, γ) describes the primary type of radiation that is produced by the decay of the nuclide. Other types of radiation may be present!

Product Specifications

- 228 positions
- 60 mm diameter sources
- Dimensions 2030 x 1490 x 15 mm (width x height x depth without holder)
- Weight: approx. 50 kg
- Movable stand optional
- α-, β-, and γ- permeable foil
- Various sources available on request

Training session for emergency response units