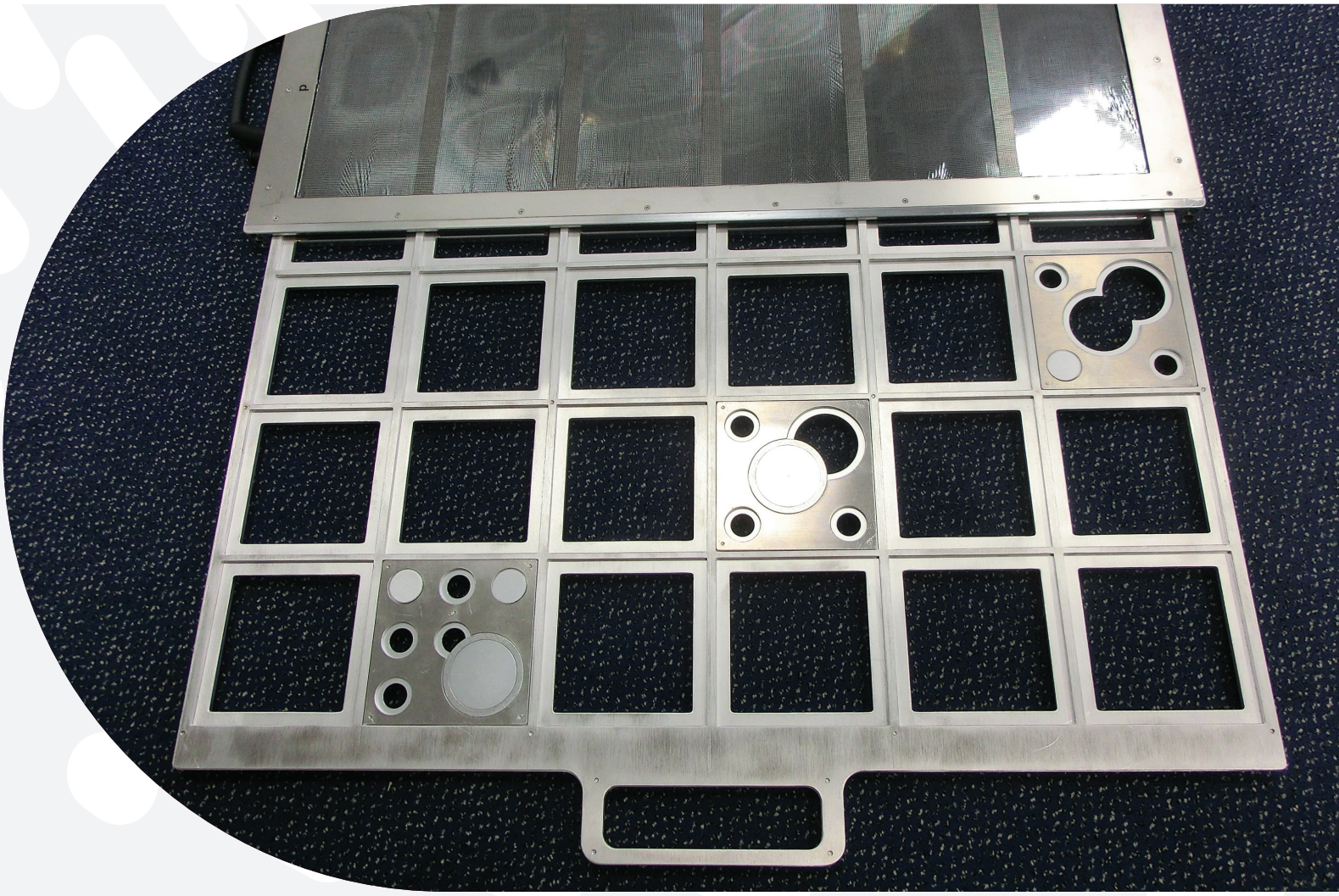
NUVIATECH INSTRUMENTS

SPECIFICATION SHEET

NuSearch Drawer

CONTAMINATION SEARCH DRAWER FOR TRAINING OF RADIATION SAFETY PERSONNEL



In emergency situations or when evaluating radiation safety measures, the operating personnel needs to have a profound experience with their measurement equipment.
The NuSearch Drawer offers a great way for training the localisation and identification of contaminations. β-, γ- and even α-sources can be placed in over 96 positions. Its design allows an easy repositioning of the sources for new challenges within less than five minutes.
The NuSearch Drawer is an ideal tool for preparing radiation safety officers and emergency response units.

Benefits

- Safe and fun way to train personnel
- Flexible repositioning of sources prohibits a memorisation of the system
- Easily moveable for external training sessions
- Stationary larger version also available (NuSearch Wall)

Key Figures

96 positions
➥ *For radioactive sources*

α–, β– and **γ–**
➥ *Measurements*

4 holders for sources
➥ *26 & 60 mm Ø*

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CONTAMINATION SEARCH DRAWER
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 Drawer 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. Contrary to most existing solutions, the NuSearch Drawer allows to reposition the sources. This keeps the training value up, as new challenges can be created within a few minutes and the sources are not "detected" by memorizing their position from the last session.

Additionally to allowing β- and γ-sources to be hidden, the thin mylar-foil is even permeable for α-radiation. As a result, the whole range of contamination measurements can be practiced.

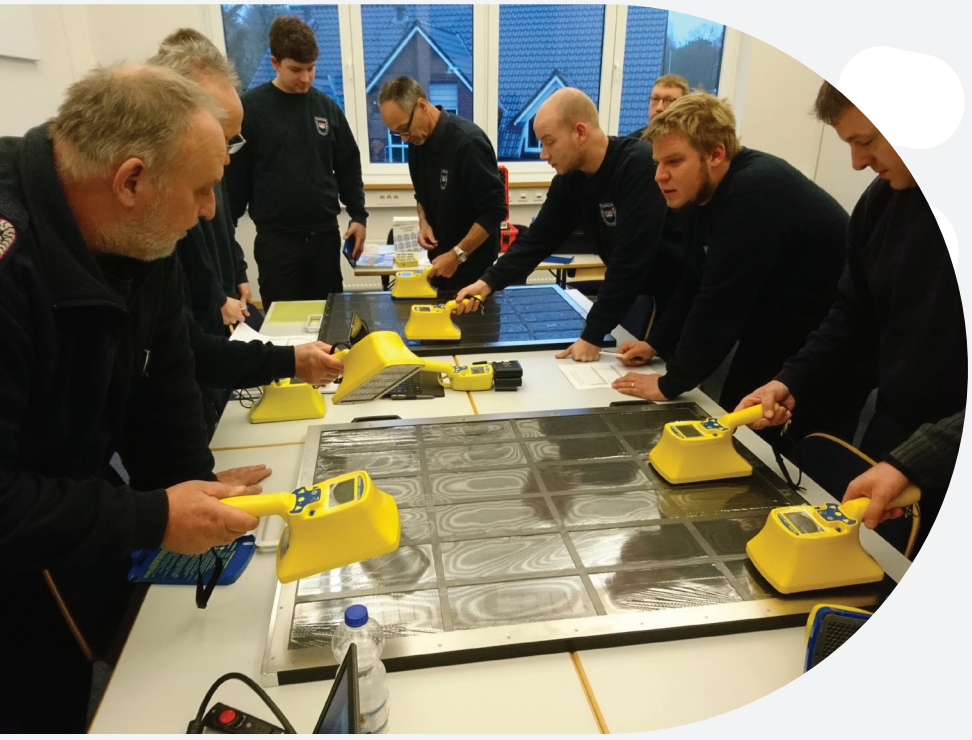
Performance Characteristics

- Complex measurement scenarios possible
- >96 positions plus quick repositioning
- Easy transportation of the NuSearch Drawer for external training courses
- Ideal for learning and refreshing crucial skills for rare situtations
- Whole range of contamination measurements can be practised: 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

- > 96 positions
- Four holders for placing 26 and 60 mm Ø sources
- Weight: approx. 25 kg
- Dimensions 1120 x 880 x 26 mm (width x height with handle x depth)
- Stainless steel construction
- α-, β-, and γ- permeable foil
- Various sources available on request



Training session for emergency response units