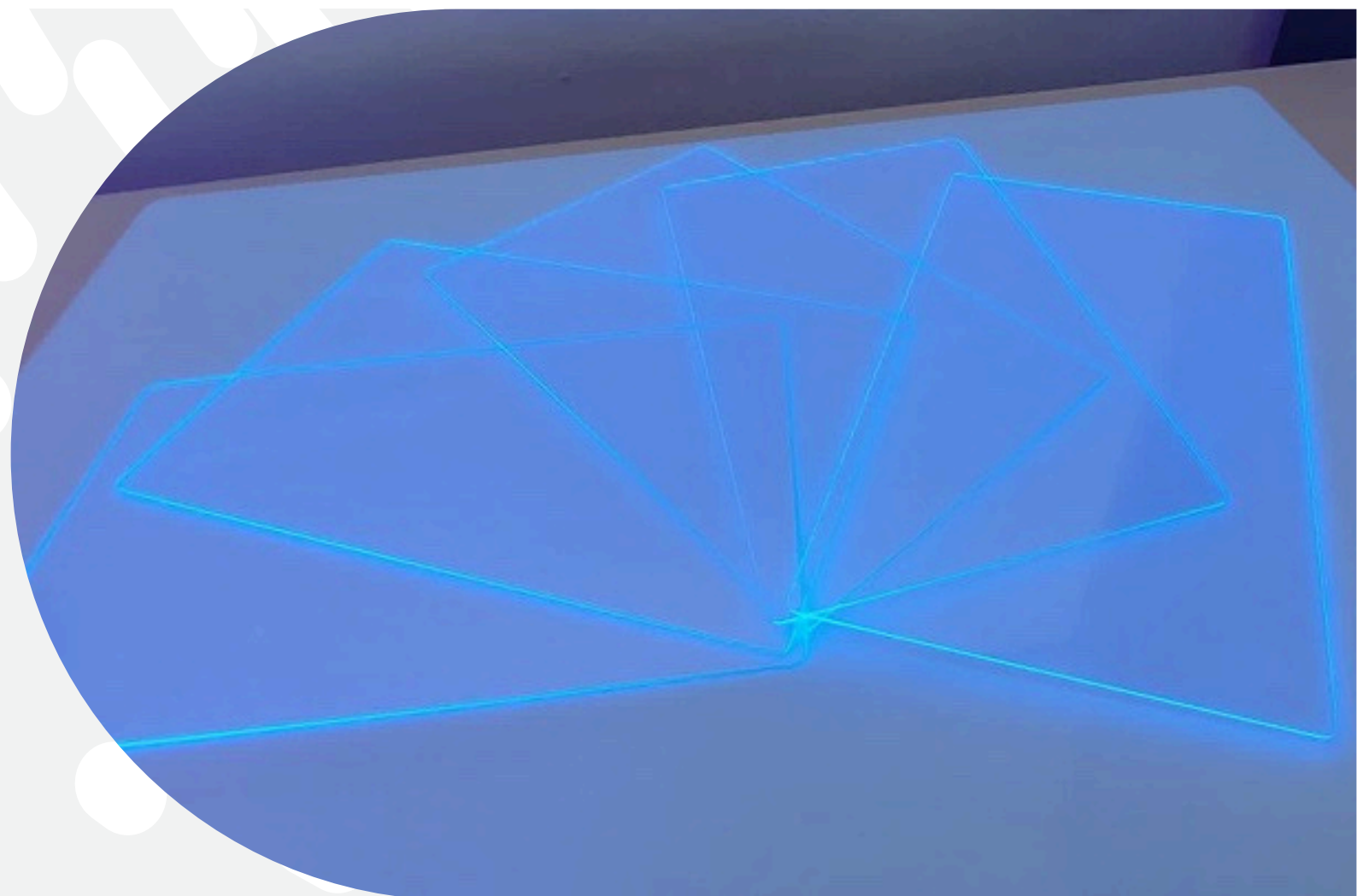


# NuDET AB Products

ZnS(Ag) ALPHA  
and ALPHA/BETA  
Scintillators



NuDET AB products is a range of highly efficient and reliable ZnS(Ag) alpha, beta and alpha/beta scintillation detectors and assemblies for a wide range of applications: surface contamination, air filters, wipe tests.

## Benefits

- Tailor made detectors with required detection configuration, dimensions, materials and parameters according to customer specification
- From scintillation material to complete detection unit with photomultiplier

## Key figures

ZnS(Ag) coating

*Detection layer*

SP32, SP33, PMMA

*Carrier sheet*

From 0,3 mm

*Thickness*

## Products description

- Alpha scintillator - ZnS(Ag) applied on PMMA light guide
- Alpha/beta scintillator - ZnS(Ag) applied on SP32 or SP33 plastic scintillation foil
- Beta scintillator - SP32 or SP33 scintillation foil (from 0,3mm thick)
- Encapsulated scintillator alpha-beta-alpha/beta in aluminum housing
- Encapsulated scintillator alpha-beta-alpha/beta in aluminum housing with photomultiplier assembly and 2inch PMT
- Alpha Scintillation Chamber (Lucas cell) for Radon concentration measurement with volume 125 or 1000 cm



## Product applications

- Alpha/beta contamination monitors
- Hand-foot and wholebody contamination measurement
- Wipe and air-filters activity measurement
- Radon measurement with Lucas cells

