

n-CHECK

YOUR CUSTOM-DESIGNED SOLUTION INTEGRATING NEUTRON COUNTING



TURNKEY CHARACTERIZATION STATION

With the level of sophistication to suit your needs

QUANTITATIVE AND NON-DESTRUCTIVE MEASUREMENTS

Ideal when gamma emissions are hidden by more intense emitters

RESULTS BARELY IMPACTED BY SURROUNDING MATERIALS

Especially by metallic and non-hydrogenated matrices

SOFTWARE AND AUTOMATION OPTIONS

For simple and safe use

DETECTORS & PERFORMANCE*

| | |
|-----------------------------------|---|
| Types | 25,4 x 1 000 mm He-3 proportional counters at 4 atm |
| Arrangement | 36 tubes in 4 groups of 7 tubes and 2 groups of 4 tubes |
| Mode of operation | Coincidence or multiplicity counting |
| Measurement efficiency | 10% |
| Measurement time (typical) | 20 – 50 minutes |

GENERAL*

| | |
|-------------------------------|-------------------------------------|
| Container volume | From 20 to 200 L, others on request |
| Dimensions (L x P x H) | 2 370 x 2 450 x 2 500 mm |

* These specifications are indicative of measurement stations already made. They can be tailored to your needs.