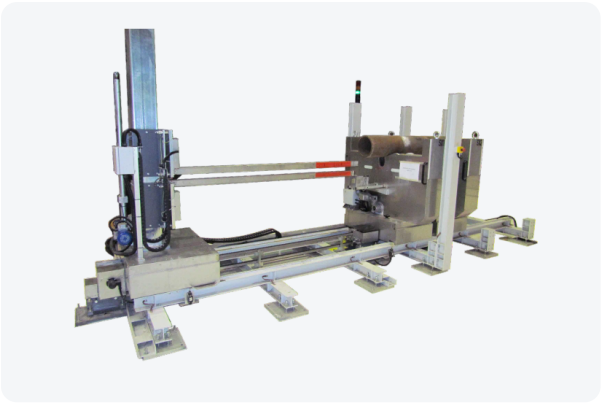
ELSE NUCLEAR

PIPE SCANNER

Pipe contamination scanner

Automatic system for scanning the internal and external surfaces of pipes from the decommissioning of nuclear power plants, with plastic scintillation detectors and a PLC-controlled measurement cycle.



Detector type
Plastic scintillators [2]

Total weight
4000 kg [1]

Specifications

DETECTOR

Detector type	Plastic scintillators	[2]
Detector count	4, in two pairs	[1]

MECHANICAL

Detector dimensions	25 × 5 × 2 cm	[2]
System dimensions	6 × 2 × 3 m	[1]
Total weight	4000 kg	[1]

ENVIRONMENT & RATINGS

MDA, dynamic Co-60 measurement	0.14 Bq/cm² in 60 s, homogeneous contamination	[1]

GENERAL

Inspected surfaces	Internal and external pipe surfaces	[1]
MDA, static Co-60 measurement	60 Bq in 60 s	[1]
Measurement cycle	Automatic, PLC-controlled	[1]
Optical checks	Diameter, length and surface roughness	[2]
Safety system	Safety devices and infrared perimeter barrier	[1]

Sources

[1] **PIPE SCANNER – Automatic monitoring system for pipes (datasheet)**
ELSE NUCLEAR · datasheet · p. 1; p. 2 · checked 2026-10-16
https://www.elsenuclear.com/wp-content/uploads/2025/11/DAT_PIPESCANNER_EN_1.06.pdf

[2] **PIPE SCANNER**
ELSE NUCLEAR · product-page · product page · checked 2026-10-16
https://www.elsenuclear.com/portfolio/pipe-scanner/

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.