

DETECTION EQUIPMENT SPECIFICATION SHEET

AudeX

TRACERS • Diamond detection

Diamond detection tracers are used to calibrate and verify X-ray transmission sorting machines by simulating the properties of a diamond.

Correct calibration can improve sorting efficiency significantly.

- + Simulating diamond carbon signature allows for precise atomic density readings
- + Hydrophobic physical property
- + Cubic shape allows for ultra-fine calibration
- + Quality control management system ensuring high accuracy
- + Setting a new standard for X-ray transmission sorter calibration

TECHNICAL INFORMATION:

Density [g/cc]	2.4 (tolerance of ± 0.05 [g/cc])
Standard Sizes [mm]	2, 3, 4, 5, 7, 10 (tolerance of ± 0.02 [mm]) (Custom sizes available at request)
Shape	Cubic
Colours	Customisable

