

## Raw Grain Analyzer



- 1) Elements: Cd, As, Pb
- 2) Accuracy:  $\leq 15\%$
- 3) LOD: Cd  $\leq 0.05\text{mg/kg}$ , As & Pb  $\leq 0.08\text{mg/kg}$
- 4) Precision: given one same analyzer with 6 constant detection by a same operator for a same sample in a same lab, Cd RSD  $\leq 5\%$ , As & Pb RSD  $\leq 10\%$ .
- 5) Inter-instrument agreement: given detection by different devices for a same sample, there is a chance of  $\leq 5\%$  that the RSD exceeds 20%
- 6) Radiation: no radiation leak which meets the state radiation measurement standard.
- 7) Detector(imported): FAST-SDD, all-in-one design ,with energy resolution  $\leq 129\text{ev}$



- 8) Integrated X-ray generator: side-window tube, target material in Tungsten, electrical force  $\geq 60\text{KV}$ , electrical current  $\geq 1\text{mA}$ , power: 12W.
- 9) Two modes: Fast detection and defined-quantitative detection.
- 10) Analytical results will be presented automatically in file with its form customized based on your need.
- 11) Recyclable sample cups