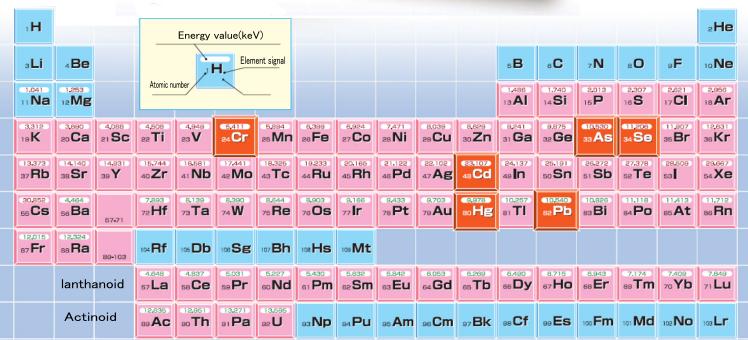
Energy Dispersive X-ray Fluorescence Spectrometer OUR 5TEX 160R0HS

Features

- No liquid nitrogen is required, saving your running cost.
- The only applicable power source is AC100V to 240V, 5A.
- Microanalysis for a short time is possible with the high count rate and high resolution power.
- Most suited as analyzer for research of conformity to the ELV and soil pollution control regulations as well as the WEEE and RoHS Directives.
- The large-sized sample chamber enables analysis of a sample in its form kept intact.

HIGH-SENSITIVITY AND HIGH-PRECISION ANALYZER FOR EXCLUSIVE USE TO ANALYZE HAZARDOUS ELEMENTS IN RESPONSE TO THE SOIL POLLUTION CONTROL REGULAIONS AS WELL AS WEEE AND ROHS DIRECTIVES





OURSTEX 160 RoHS presents the following advantages.

No liquid nitrogen required.

Silicon Drift Detector (SDD) for semiconductor detection needing no liquid nitrogen is employed for cooling of the unit..

REDUCTION OF RUNNING COST

High sensitivity, High precision.

High count rate and high resolution power are attained in combination with Digital Signal Processor (DSP) for the scaling circuit.

TIME SAVING FOR ANALYSIS

For Dedicated Use against Hazardous Heavy Metal Elements.

The optical system is provided with the primary and secondary filters for dedicated use as standard equipment. The secondary filter prevents influences by coexistent elements in the sample. .

RESPONSIVE TO WEEE, ROHS AND SOIL POLLUTION ANALYSIS

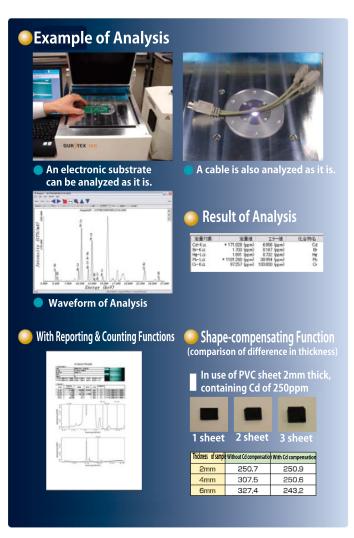
Simple installation and No Qualification required.

You can complete installation by only taking out the measuring head unit from the storage case for exclusive use and connecting the controller with the operating PC. It is possible to analyze immediately. No qualification of X-ray inspection engineer is required for the operation.

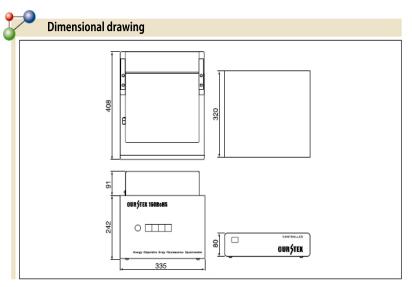
ON-SITE ANALYSIS IS POSSIBLE

Lower Detection Limit

Name of Element	Atomic Symbol	Sample; Polyethylene (PE)
Cadmium	Cd	1 ppm
Lead	Pb	1 ppm
Chrome	Cr	2ppm
Bromine	Br	1 ppm
Mercury	Hg	3ppm



Specification Analytical principle Energy Dispersive X-ray Fluorescence Analyzer Analytical object Electric/electronic parts, Plastics, Resin products, Soil Element to be analyzed Cr, As, Se, Br, Cd, Hg, Pb (20Ca to 92U) Filtration mechanism Primary filter (2 types) / Secondary filter-Auto change W 270(mm) x D 250(mm) x H 91(mm) Shape of sample chamber Observation of sample Color CCD camera Atmospheric Environment of sample chambe 48kV, 1.75mA, 50W maximum Rated X-ray output Detector Electronic cooling SDD (Silicon Drift Detector) Digital processing DSP (Digital Signal Processor) Counting circuit mperatu 5 to 27℃ Humidity 20 to 75% Condition of use AC100V to 240V, 5A ower supp Facility Grounding Class D Standard sample of analytical line (soil, PVC, PE, cupper alloys, aluminum alloys) Other (optional)



Before an implementation of OURSTEX 160RoHS, a notification to Labor Standards Supervision Office is required.

Contact for Inquiry

For your correct and safe use, please be sure to read the operation manual in advance.

• The product specifications or designs in this literature are subject to change without notice for improvements.
• The product colors may differ from actual ones due to printing.

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