

Elvatech

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RoHS Screening with **ElvaX** *ProSpector*

- Rapid and accurate quantification of RoHS restricted elements
- Pass/fail designation
- Automatic distinguishing between plastics and metals
- Customizable results display



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Electrical and electronic equipment manufacturers nowadays need to comply with RoHS (Restriction of Hazardous Substances Directive), a directive that imposes restrictions on the amounts of Cd, Pb, Hg, hexavalent Cr and Br in electrical and electronic equipment. These elements' contents are measured in plastic components, PCBs, wires, solder joints i.e in homogenous materials. XRF has become the main measuring method used for RoHS due to its speed, accuracy and non-destructive analysis capability. ElvaX ProSpector equipped with primary filter changer and highly sensitive SDD detector allows for accurate quantification of RoHS restricted elements and offers detection limits considerably below the required values. You can customize the display choosing between ppm and PASS/FAIL mode. ElvaX ProSpector will automatically identify plastic or metal and choose appropriate measurement mode. Routine rapid RoHS screening is required on various stages of production, and this is where ElvaX ProSpector analyzer is perfectly suited.

Plots of certified values vs ProSpector measured values

