

EA1400

Analyzer:

- Benchtop EDXRF analyzer.
- Rh target X-ray tube (max. 50 W; 50 kV max, 1 mA max).
- 5 primary filter positions, programmable.
- Silicone drift detector (SDD)
- Note: PC not included (purchased as option by local HHA HUB)

Analytical range:

- Element range Al (13) – U (92). (Na(11) to U(92) when using Vacuum option)

Collimators:

- Three, programmable: 1, 3 and 5 mm diameter.

Software:

- X-ray Station control software.
- Windows 10 compatible (64 bit).
- Graphical user interface available in 4 languages: Chinese, Traditional Chinese, English, Japanese, Korean.
- Bulk FP
- Bulk empirical
- Dedicated RoHS measurement function including measurement management

Software options:

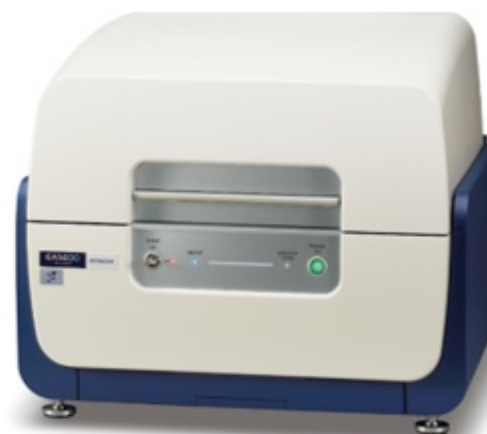
- Thin film FP
- Thin film empirical
- Spectrum matching
- Concentration matching

Sample chamber:

- Analysis in air path.
- Closed chamber.
- Vacuum purge option.

Sample introduction:

- Sample viewing: color CCD camera
- Optional: sample changer configuration: 12-position programmable sample tray.



Maximum sample size:

- Single sample configuration; maximum sample size: width 304 mm (W), 304 mm (D), 110 mm (H). Equivalent: 8in (W), 8in (D), 4in (H).
- 10kg. Equivalent 22lbs

Dimensions, weight and power:

- 520 mm (W) x 600 mm (D) x 445 mm (H). Equivalent: 20in (W), 23in (D), 17 (H).
- 60 kg. Equivalent 22lbs.
- AC 100 – 240 V, 50 / 60 Hz, 190VA.
- The above excludes PC.

Available accessories:

- Halogen check standards - Cl, Br in polymer, 4 pieces for RoHS+Sb (PE blank, PEB blank, PE with Cl&Br at 1000 ppm, PEB with Cl&Br at 1000 ppm) Restricted materials check standards, 6 elements, 4 pieces (PE blank, PVC blank, PE with Cd,Pb,Hg,Br,Cr at 100 ppm Sb at 100 ppm, PVC with Cd,Pb,Hg,Br,Cr at 100 ppm Sb at 100 ppm)
- "Restricted materials check standards, 6 elements, 4 pieces(PE blank, PVC blank, PE with Cd,Pb,Hg,Br,Cr at 100 ppm Sb at 100 ppm, PVC with Cd,Pb,Hg,Br,Cr at 100 ppm Sb at 100 ppm)"
- EA1400 Door lock option
- Signal tower for EA1000 series
- Sn in polymer check standards, 2 pieces (PE with Sn at 1000 ppm, PVC with Sn at 1000 ppm)
- Polypropylene sheets
- Sample cups

Note:

In the interests of continued product improvement, Hitachi reserves