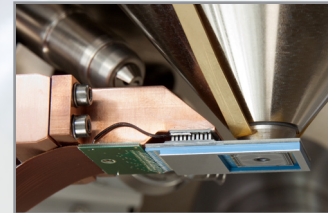


Rococo Line Providing Maximum Solid Angle

Monolithically integrated 4-channel SDD modules have been developed for applications requiring **best energy resolution at ultra high count rates**.

The optimized detector geometry allows maximum **solid angle** within an arrangement very close to the analyzed sample.

- ▶ Count rates up to 4 Mcps at maximum throughput
- ▶ Best energy resolution due to the droplet shape geometry
- ▶ P/B up to 20,000
- ▶ Excellent light element performance down to B and Be
- ▶ Custom packaging of the SDD chip



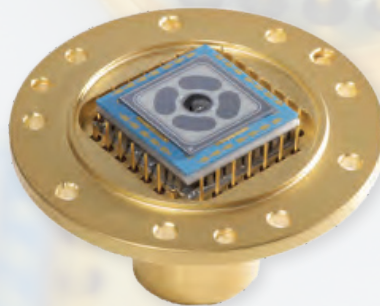
Rococo 1

- Total active area: 40 mm²
- Compact package with BeW or UTW
- Energy resolution
127 eV @ MnK, 500 kcps
47 eV @ C-K, 50 kcps



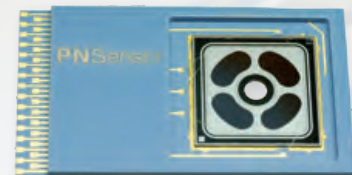
Rococo 2 - XRF

- Total active area: 60 mm²
- Package with BeW and central hole \varnothing 2.5 mm
- Energy resolution
129 eV @ MnK, 500 kcps



Rococo 2 - SEM/TEM

- Total active area: 60 mm² with central hole for e beam
- Solid angle: up to 1.4 sr
New version: up to 2.4 sr
- Energy resolution
129 eV @ MnK, 500 kcps
52 eV @ C-K, 50 kcps



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