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NEWS

X-RAY TUBE

Phillips has introduced a new side-window x-ray tube for sequential spectrometry. The model PW 2180 features a scandium anode which, the company claims, enhances excitation of light elements up to calcium (atomic number 20), whilst maintaining good results for heavy element analysis. The anode produces low level radiation that is sufficiently energetic

to give good transmission through the beryllium tube window. For heavy elements the PW 2180 allows operation up to 100 KV. Side window tubes do not require deionised cooling water and the end cap geometry permits closer coupling to the spectrometer optics. (*Chemistry in Britain*, Vol. 20, No. 3, p. 201).