

XGL-SPCM-8100

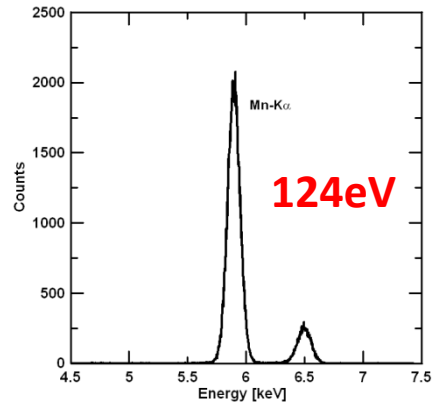
X Ray Spectrometer

based on Silicon Drift Detector (SDD)



Energetic Resolutions

Top class: down to 124eV
@ MnK α



SDD SPECTROMETER



High Performance SDDs from 5mm² to 100mm²

Charge sensitive pulsed-reset preamplifier

Optimized filtering for high resolution and high counting rate

Gain and processing time selections

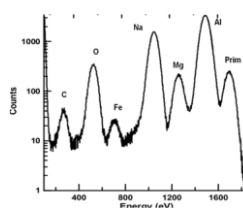


MCA throughput till 3Mcps

Software on WIN OS

C++ Libraries available for easy interface with all instruments

Automatic compact power system



Best performances also at room temperature and higher

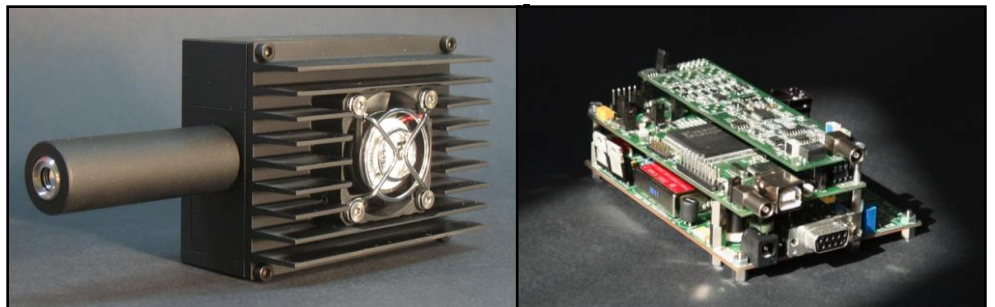
Low detection limit for trace elements

Several types of windows for detection down to Boron

On-chip collimator for high detection solid angle

Finger length from 50 to 200 mm

XGLAB
X and Gamma Ray Electronics



Do you need custom design for your application?

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