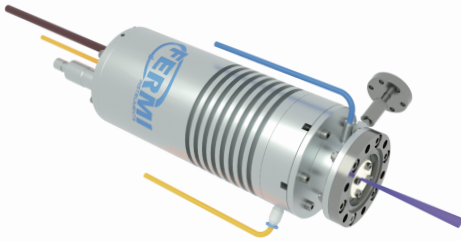
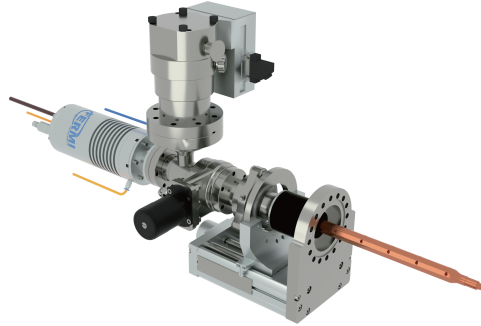


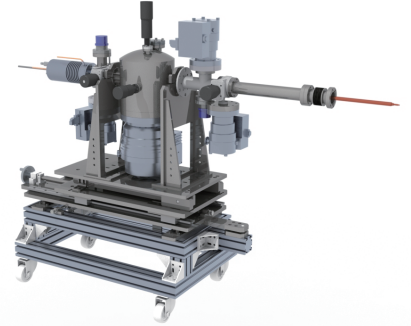
**BL1000s**  
(VUV Lamp Head)



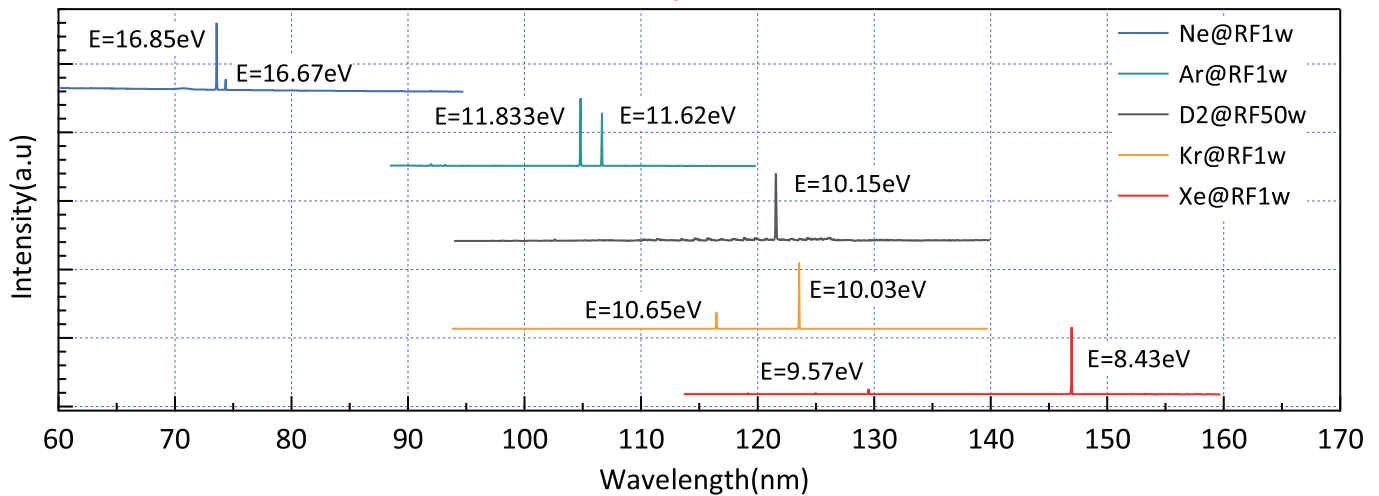
**BL1010s**  
(Xe/Kr)



**BL1100s**  
(He MONO)



**Broad Spectrum**



**FERMI BL-1000 Series** are ultra-high brilliance VUV Light Sources, based on the revolutionary RF Plasma mechanism, which can be operated with different gases (He, Ne, Ar, Kr, Xe ...) and gas mixture. (Patent No.: 201610261838.5)

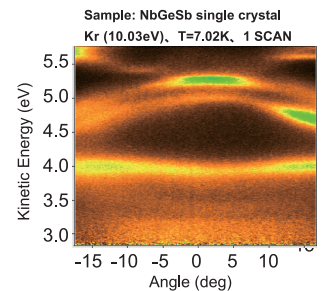
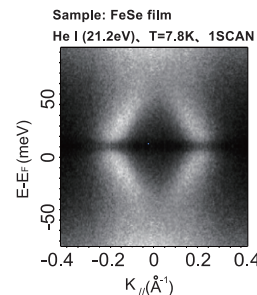
**Applications:**

- ★ UPS, ARPES, Mass Spectroscopy, etc.

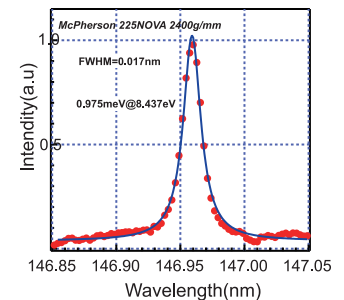
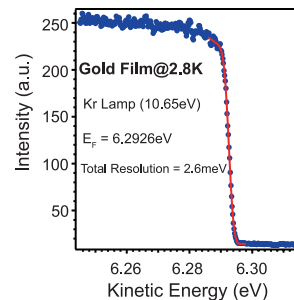
**Features:**

- ★ High Flux:  $>1 \times 10^{14}$  photons/s;
- ★ Broad Spectrum: 8.43eV - 40.8eV (30.3nm - 147.6nm);
- ★ High Resolution:  $<1\text{meV}@8.43\text{eV}$  (Xe);
- ★ Long Life Time:  $>20000$  hours;
- ★ Options: Special Designed ETC (0.5mm spot size), Replaceable Filters (Xe@8.43eV, Kr@10.03eV), VUV MONO;

**High Brilliance** (VUV Flux  $>1 \times 10^{14}$  photons/sec)



**High Resolution** ( $<1\text{meV}@8.43\text{eV}$ )



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