AMPTEK

EXP-2 Complete XRF Experimenter’s Kit

Complete XRF kit

Complete starter kit for energy-dispersive XRF: X-123 FAST SDD spectrometer, 10 W Mini-X2 X-ray tube, XRS-FP2 software and a shielded test stand. It requires assembly, configuration and calibration.



Standard spectrometer

X-123 FAST SDD [2]

Specifications

DETECTOR

Standard spectrometer	X-123 FAST SDD	[2]
Standard detector area	25 mm²	[2]

ELECTRONICS & SIGNAL

Signal processor	DP5 integrated in X-123	[2]

SOFTWARE & DATA

Analysis method	Energy-dispersive XRF (ED-XRF)	[1]
Analytical software	XRS-FP2	[2]

MECHANICAL

Sample chamber	EXP-2 test stand with shielding and sample enclosure	[2]

ORDERING & ACCESSORIES

Included sample	SS316 stainless steel	[2]

GENERAL

X-ray source	Mini-X2, 10 W	[2]
Computer requirements	Windows computer with 3 available USB ports	[2]
Before measurement	Assembly, configuration and calibration	[1]

Sources

[1] **EXP-2 Complete XRF Experimenter’s Kit – specifications**
Amptek · datasheet · p. 2 · checked 2026-10-16
https://www.amptek.com/-/media/ametekamptek/documents/resources/products/specs/exp2-complete-experimenters-k...

[2] **EXP-2 Complete XRF Experimenter’s Kit**
Amptek · product-page · product page · checked 2026-10-16
https://www.amptek.com/products/exp-2-complete-experimenters-kit

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.