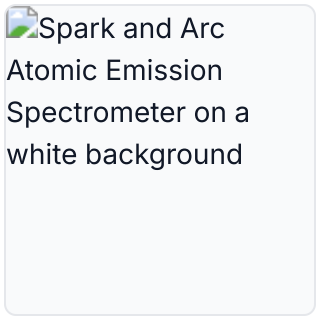
DATASHEET · ANALYTICAL INSTRUMENTS

Spark and Arc Atomic Emission Spectrometer.

SKU CS-ANL-00018 **Spec** v1 **Rev.** 2026-07-08



VERIFIED

Spec v1 · 2026-07-08

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT DATA

RELEVANT BASE	Fe, Al, Cu, Zn, Ni, Ti, Mg, Co, etc.	WAVELENGTH RANGE	140nm~680nm
FREQUENCY	100Hz~1000Hz	MAXIMUM DISCHARGE CURRENT	400 A
TEMPERATURE	10~30	RELATIVE HUMIDITY	20%~80%
SPARK IGNITION PULSE	1~14kV	SPARK EXCITATION PULSE	20~230V
ARC EXCITATION PULSE	20~60V	PURITY REQUIREMENT	99.999%
INPUT PRESSURE	0.5MPa	AVERAGE STANDBY POWER	50VA
AVAILABILITY	On back-order		

CONTINUOUSLY VERIFIED · SPEC V1

Specifications verified against current published product data. **Verified 2026-07-08 · Since 2026-07-08.**

Cite: ConductScience CS-ANL-00018, Spec v1, 2026-07-08. conductscience.com/lab/spark-arc-atomic-emission-spectrometer