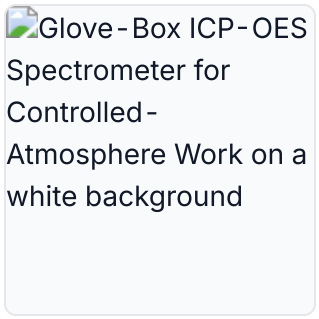
DATASHEET · ANALYTICAL INSTRUMENTS

# Glove-Box ICP-OES Spectrometer for Controlled-Atmosphere Work.

**SKU** CS-ANL-00012 **Spec** v1 **Rev.** 2026-07-08






VERIFIED

Spec v1 · 2026-07-08

## PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT DATA

| | | | |
|---|---|---|---|
| RF POWER RANGE | 500-1600W continuous and adjustable | RF POWER STABILITY | ≤0.1% |
| RF FREQUENCY STABILITY | ≤0.01% | PERISTALTIC PUMP | 4-channel, 12-rotor |
| ARGON-FLOW CONTROL ACCURACY | 0.01L/min | OPTICAL-CHAMBER TEMPERATURE | 36°C |
| OPTICAL-CHAMBER FLUCTUATION | <0.2 | OPTICAL SLIT SIZES | 50 microns and 100 microns |
| DETECTOR COOLING | -45°C | GLOVE-BOX SEALING LEVEL | level 2 |
| PLASMA OBSERVATION | vertical observation | STRAY LIGHT | ≤2.0 mg/L |
| OPTICAL RESOLUTION | ≤7 pm @200 nm | PRECISION | RSD ≤1.0% |
| TWO-HOUR STABILITY | RSD ≤1%@2h | DETECTION LIMITS | Zn 1 ppb; Ni 1 ppb; Mn 0.5 ppb; Cr 1 ppb; Cu 2 ppb; Ba 1 ppb |
| GLOVE-BOX MATERIAL | SUS304 stainless steel, 3mm | VIEW-WINDOW THICKNESS | 8mm tempered glass |
| GLOVE OPENINGS | two stainless steel openings | TRANSITION-CHAMBER MATERIAL | SUS304 stainless steel, 3mm |

DATASHEET · ANALYTICAL INSTRUMENTS

# Glove-Box ICP-OES Spectrometer for Controlled-Atmosphere Work.

**SKU** CS-ANL-00012 **Spec** v1 **Rev.** 2026-07-08



## PRODUCT SPECIFICATIONS, CONTINUED

FROM PUBLISHED PRODUCT DATA

| | |
|---|---|
| RESERVED INTERFACES | four KF40 standard interfaces |
| AVAILABILITY | On back-order |
| ICP-OES GLOVE BOX CALLOUT | The ICP-OES is combined with the glove box, providing the radial view with the vertical torch; the special large-area array high-sensitivity ECCD sensor is equipped to practically fulfill the full-spectrum once-for-all acquisition and complete the analysis of 72 elements quickly. |

CONTINUOUSLY VERIFIED · SPEC V1

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

**Cite:** ConductScience CS-ANL-00012, Spec v1, 2026-07-08. conductscience.com/lab/glove-box-icp-oes-controlled-atmosphere