

Control Inert Glove Box



CAGB Control inert glove boxes are designed in modular construction easy for assembly & can direct assemble with laboratory instruments, vacuum coater, production lines. CAGB are engineered for use in university research as well as in industry production. We offer both standard & custom systems. CAGB are widely use on the filed of science& research, OLED & PLED, lithium batteries, lamps, welding, fine chemical, metal powder , pharmaceuticals, super conduct materials, nuclear etc.

Specifications:

Box shell material: SUS304, thickness 3 mm

Antechamber: Dia. 400 × 560 mm, SUS304 thickness

Working gas: N₂, Ar, He etc inert gas

Construction: modular construction easy to dismount& assembly

Feed through connector: KF40

Shelves: 2 shelves

Light: Fluorescent light mount on front window top

Dust filter: HEPA filter 0.3 micron

Solvent trap: by absorb replaceable

Control system: color touch screen PLC control system with Chinese or English software

Control atmosphere: H₂O < 1 ppm, O₂ < 1 ppm

Gas purification system: remove H₂O & O₂

Regeneration unit: regeneration H₂O & O₂ remove material

Gas circulation: close loop gas circulation with 0-60CFM flow rate

CAGB modular system complete with Box body, antechamber, gas purification system, regeneration unit, O₂/H₂O sensor, vacuum pump

Option: freezer, static remover, hot plate, UV lamp, spin coater, oven

Model	Dimension mm	Workstation
CAGB-1001	1200 × 750 × 1900	single side 1 person
CAGB-1002	1200 × 1000 × 1900	two side 2 person
CAGB-2001	2400 × 750 × 1900	single side 2 person
CAGB-2002	2400 × 1000 × 1900	two side 4 person
CAGB-3001	3600 × 750 × 1900	single side 3 person
CAGB-3002	3600 × 1000 × 1900	two side 6 person

Table top Vacuum Glove box with manual control



Standard version control vacuum with fluorescent lamp

Option: automatic controller, O₂/H₂O sensor, gas purification system, hot plate, vacuum pump

Specification:

Construction: SUS304

Antechamber Vacuum: -0.1MPa

Glove Box Vacuum: -0.1Mpa

Pressure Remain: 12 Hr

Glove Port: Dia. 145 mm

Model	Box Dimension	Antechamber Dimension
TGB-1	600 × 500 × 650	Dia. 220 × 250 mm
TGB-2	800 × 650 × 750	Dia. 280 × 350 mm
TGB-3	1200 × 700 × 1120	Dia. 340 × 400 mm