



JACOMEX

pure safety



GLOVE BOXES EXPERT

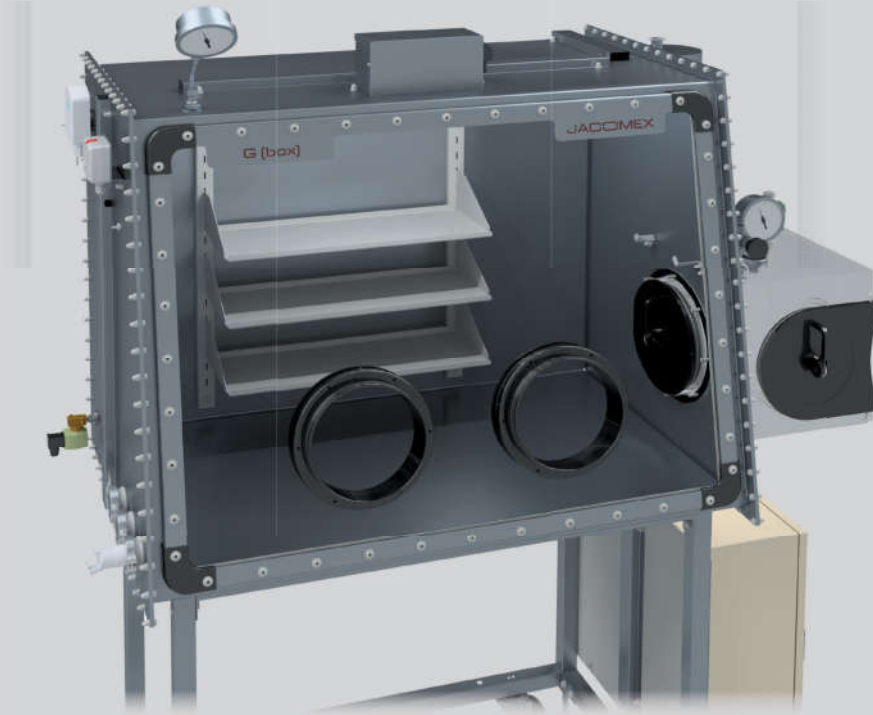


G(BOX)

MODULAR GLOVE BOX
UNDER REGULATED ATMOSPHERE



- For **scientific** and **industrial** applications
- Regulated and climatic **custom** glove boxes



ADVANTAGES

- ▼ Flexible and easily upgradable design
- ▼ Standard and custom models
- ▼ Possible connection with other range of JACOMEX glove boxes
- ▼ Fitted for moisture controlled atmosphere (automatic regulation 0-70% RH)
- ▼ Wide range of transfer systems
- ▼ 3D design drawings

TECHNICAL DATA

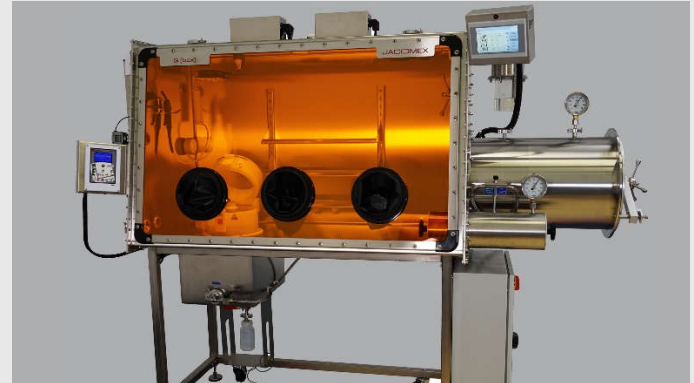
- ▼ Tightness class 1 according to ISO 10648-2 (oxygen method) Leak rate < 0.05 Vol%/h
- ▼ Silicon-free gaskets (removable panels)
- ▼ Chamber: stainless steel X2CrNi18-9 (AISI 304 L)
- ▼ Front panel: polycarbonate - mineral laminated glass
- ▼ Roof lighting (LED spotlights)
- ▼ Height adjustable stainless steel shelves
- ▼ Feedthroughs : 1 electrical 220V + 2 ISO KF40
- ▼ Automatic pressure regulation
- ▼ Compatible with all JACOMEX options and equipment

POSSIBLE APPLICATIONS...

- ▽ Configurable climatic chambers:
 - Moisture (% RH): drying and/or humidification
 - Temperature: heating and/or air-conditioning
- ▽ Development of Perovskite photovoltaic cells (PSC)
- ▽ Low-oxygen reducing atmospheres against flammability or explosiveness (chemical substances, powders...)



This model is first and foremost a custom glove box that is ideally suited for special applications requiring controlled and adjustable atmospheric conditions (temperature, humidity, oxygen ...)



Research

- ▼ Glove Box for studies on Perovskites
 - Atmosphere with reduced oxygen concentration (%) and adjustable controlled moisture level (% HR)
 - Integrated spincoater

Protection

- ▼ Glove Box in st. steel US 316L
 - easy-decontaminable workstation
 - Cleaning and waste recycling
 - Temperature control
 - Relative moisture control (0-70%RH)
 - Lifting panel in laminated glass

Industry

- ▼ Glove box with rounded corners
 - Double side workstation
 - Oxygen control
 - Easy cleanable working area
 - Transfer chamber to a clean-room with interlocked doors

service gas purification working comfort technical strength
customer relationship
creativity human
isolators ergonomics
atmosphere reliability gas management
understanding joy glove boxes
innovation safety silence pleasure
expertise positive
control integrated design office
happy proximity follow up
made in France team
responsiveness

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