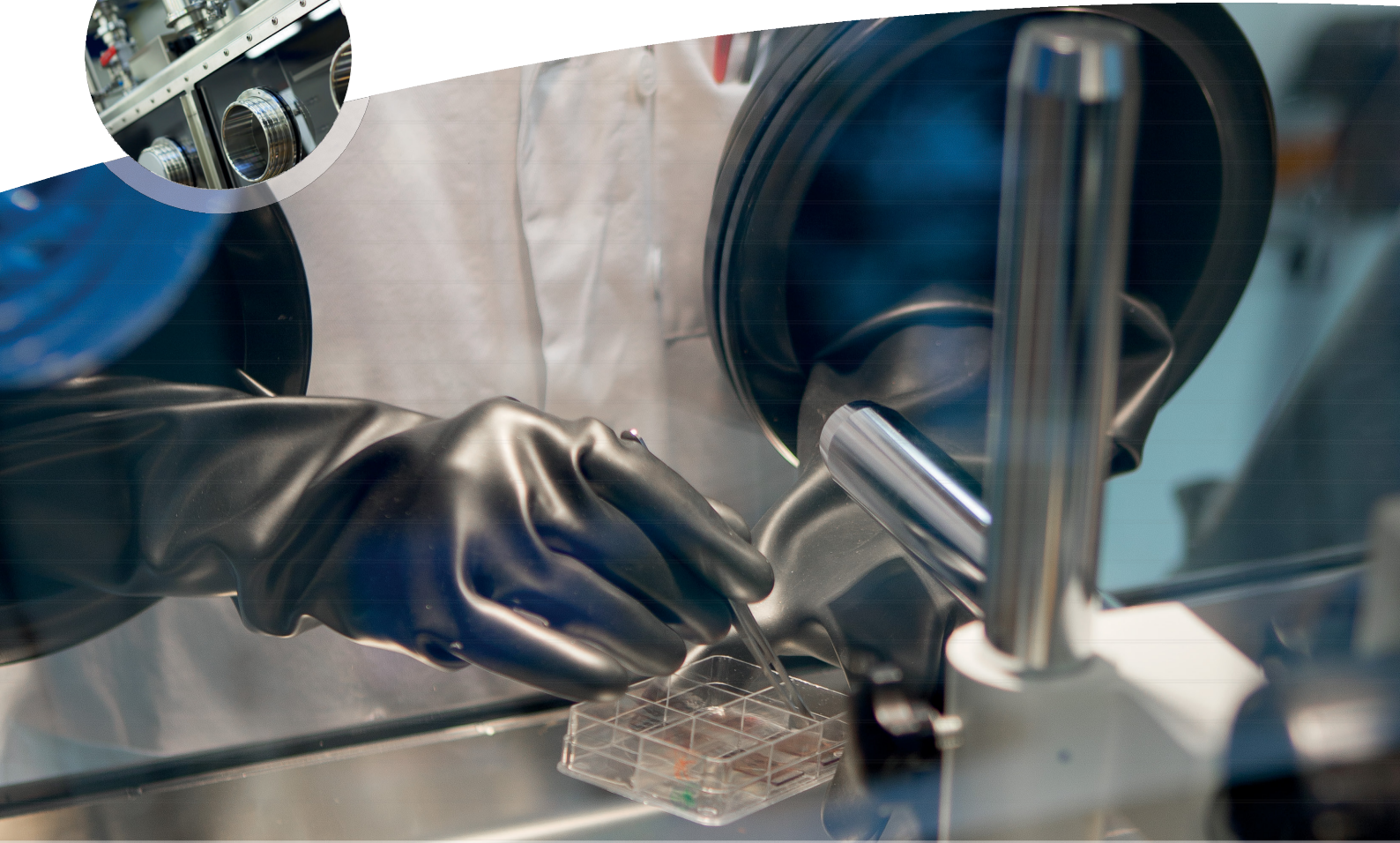


JACOMEX

pure safety



GLOVE BOXES EXPERT



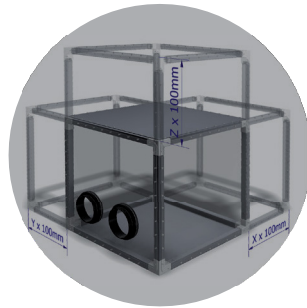
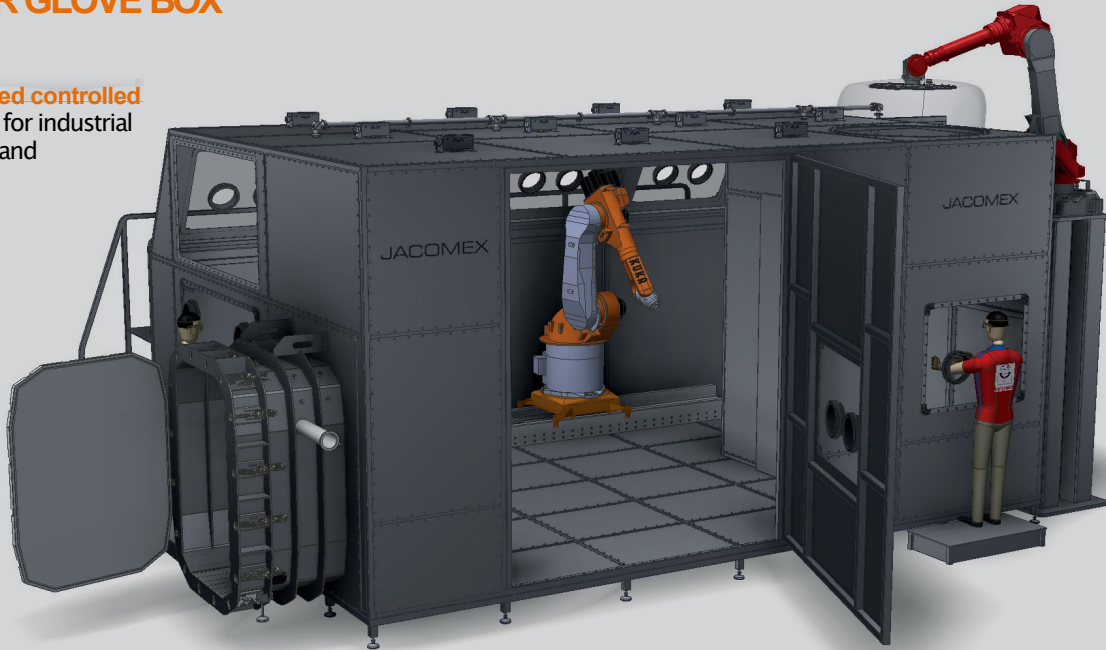
G(MEGA)

LARGE-VOLUME MODULAR
GLOVE BOX



MODULAR GLOVE BOX

- Under purified controlled atmosphere for industrial applications and production



ADVANTAGES

- ▼ Based on Meccano® system, robust, dedicated to industrial manufacturing
- ▼ Combinable elements: can yield endless custom solutions based on standard components
- ▼ Easy-removable mechanical design for:
 - fast and easy maintenance of internal production machines and tools
 - installations relocation
 - components recycling in case of reconfiguration or extension

POSSIBLE APPLICATIONS...

- ▽ Additive Manufacturing
- ▽ Aeronautics
- ▽ Integration of industrial robots
- ▽ Machines and processes securing under reducing atmosphere
- ▽ Cowling of installations or assembly-lines under anti-oxidizing and/or low-hygrometry atmosphere

TECHNICAL DATA

- ▼ Tightness class 1 according to ISO 10648-2 compatible with purified inert atmospheres
- ▼ Stainless steel profiles X2CrNi18-9 (US 304 L)
- ▼ All dimensions by 100 mm increments in all 3 dimensions
- ▼ Volumes until 150m³ – Unlimited lengths
- ▼ EPDM gaskets
- ▼ Panels: polymer – mineral laminated glass – stainless steel
- ▼ Access and transfer: vacuum chamber, doors, hatches, intervention airlock...



Our modular and large-dimensional glove boxes are perfectly fitted to your industrial processes within traditional and cutting-edge fields: 3D Printing and Additive Manufacturing, Aeronautics, Laser and Titanium welding, Medical, Food-industry...

AERONAUTICS AND TITANIUM WELDING

- ▼ Welding of large-dimension Titanium parts for the Aeronautics
- ▼ **GP[concept]** glove box with 3 working panels, 5 welding stations, Ø 700 mm transfer vacuum chamber and extension for a total length of 2400 mm



ADDITIVE MANUFACTURING

- ▼ Surface functionalization and parts repair by laser cladding technique. Metal deposition of super alloys
- ▼ Glove box **G[mega]** 45m³
- ▼ Controlled atmosphere with an H₂O-O₂f Four-lines purification unit P[sys]-IV-S
- ▼ Two vacuum chambers with transfer rails for the loading of middle-sized parts.
- ▼ Access door for the loading of large parts. Ø400 mm transfer chamber for tooling transfer
- ▼ Six-axes robot with reloading head for powder projection/fusion



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

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