GATEIN TECHNOLOGY
جيت ان تكنولوجي

PRODUCT PRESENTATION · WELDING

Welding Control Box

Efficiency and Quality at Your Fingertips

Perfect for small-batch welding tasks that frequently switch between products and require simplicity and flexibility.

Presented by GateIn Technology · Exclusive DOBOT partner in Egypt



Welding Control Box key features

Multiple functions in one

Welding parameter settings and path planning in a single unit, without multiple tools.

Beginner-friendly

General operators can run the device without advanced automation skills.

User-friendly operation

Joystick for precise control and physical buttons with tactile feedback.

Quick switching

Deployment drops from 10–20 minutes with a teach panel to just 5 minutes.

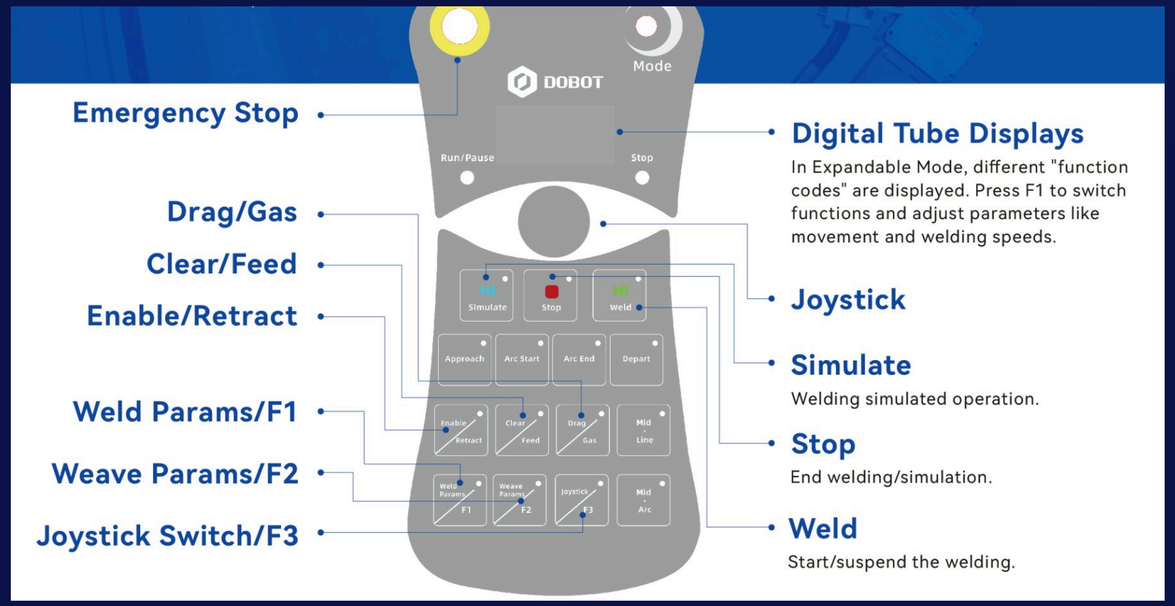
High precision

Positioning within 1 mm for high-quality welds and less waste.

Safe and reliable

Emergency stop button protects operator and equipment.

Two operating modes



Mode 1 · Standard

Default at startup. Move the end effector with the joystick to Approach, Arc Start, Mid Line, Arc End and Departure points, then press the matching button to save each point.

Mode 2 · Expandable

Short-press the top-right knob to switch (shown on the digital tube). Long-press 5 s to reset the configuration. Press F1 to switch function codes and adjust movement and welding speeds.

Welding Control Box Specifications



Parameter	Specification
Joystick	3-axis
Display	4-digit blue LED display
Buttons	15 functional buttons: e-stop, drag/gas, clear/feed, enable/retract, weld params/F1, weave params/F2, joystick switch/F3, simulate, stop, weld
Power supply · consumption	DC 24 V · less than 1 W
Signal output	RS485
Service life	Greater than 1 million times
Connector	Cord end terminal (cable length 3 m)

GateIn One accountable partner

We don’t just ship the Welding Control Box. GateIn designs, supplies, installs, integrates and supports DOBOT solutions for universities, schools, government and industry, from the first plan to long-term support.

+120
ROBOTS SUPPLIED IN EGYPT
Industrial, service and educational

91
LABORATORIES
Across 45 institutions

+30
STRATEGIC & GLOBAL PARTNERS

5
YEARS OF DELIVERY
Since 2021

Design | Sourcing | Installation | Integration | Training | Long-term Support

An integrator, not a vendor.

Exclusive DOBOT partner for Egypt

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Let’s plan your Welding Control Box deployment

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