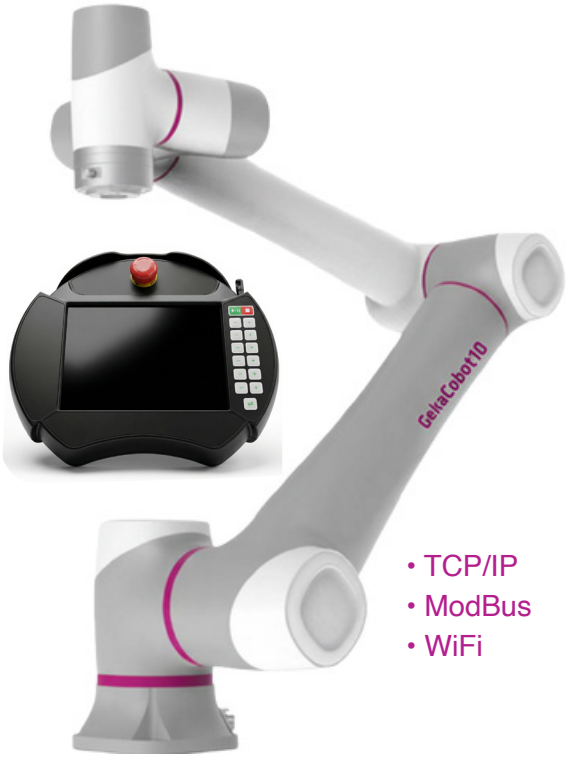
GekaCobot10



- TCP/IP
- ModBus
- WiFi

- The fast and graphical interface makes all operations practical.
- Welding parameters are adjusted easily and quickly.
- With full trajectory learning, the robot arm can be dragged by hand to quickly create a position or trajectory.
- Teaching and programming processes are completed in a short time.
- Created trajectories can be easily converted into a welding procedure through graphical programming.
- The welding process package supports digital/analog signal and DeviceNet control.
- Parameters such as voltage, current, and baud rate can be configured quickly.
- Functions such as arc start, arc detection, wire forward/backward, and gas control can be directly controlled.
- In emergency stop or pause situations, the robot arm immediately stops the welding.
- Collision detection reduces risks in hazardous environments.
- Compatible with linear, triangular, spiral, trapezoidal, and sinusoidal shapes

Weight (kg)	Kg	40
Payload (kg)	Kg	10
Working Radius (mm)	mm	1300
Max Reach (mm)	mm	1525
Rated Voltage (V)	V	DC48
Maximum Speed of TCP (m/sn)	m/sn	4
Repeatability (mm)	mm	±0.03
Communication		DI-16, DI/DO-16, AI/AO-2, ABZ Incremental Enc-1
IP Rating	IP	IP54
Temperature	°C	0°C-45°C
Power (W)	W	350
Materials		Aluminum alloy, ABS plastic

ADVANTAGES OF COBOT WELDING APPLICATIONS

EASY PROGRAMMING
Fast teaching with hand guidance and an intuitive interface

FAST INSTALLATION
Requires minimal integration: short commissioning time

LOW CELL COST
Does not require protective barriers or complex safety systems

FLEXIBLE PRODUCTION
Fast job changeover, high efficiency in low and medium-volume production

PORTABILITY
Can be easily moved to different stations thanks to its lightweight structure

SAFE OPERATION
Built-in torque sensors and collision detection allow cage-free operation

SPACE SAVING
Compact structure; suitable for narrow workspaces

REPEATABLE WELD QUALITY
Stable arc and precise control ensure consistent weld quality

STANDARD & OPTIONAL EQUIPMENTS

This order code includes the cobot, control unit, and pendant.

6021000121


Control Unit


Teach Pendant


PoWer MIG GPS 5000-R (Optional)


Welding Table (Optional)


Fixture Set (Optional)


Laser Sensor (Optional)


Automation Torch (Optional)