PLC Manipulator





Smart PLC Zero-Gravity Manipulator – Advanced Lifting Equipment with Maximum Safety



PLC zero-gravity lift assist arm



Smart electric-controlled manipulator

An upgraded version of the **manipulator** line, this unit uses a **smart PLC** control system to handle complex lifting operations automatically, safely and precisely. It integrates a full set of modern control functions, including:

- Safety valve system and air-loss control
- Check valves that prevent the load from dropping
- Automatic braking on operating errors
- Workpiece clamping lock on power loss

All lifting operations are controlled through a central PLC panel, reducing manual operating errors, improving accuracy and increasing productivity on the shop floor.

Key Advantages of the FullSharp PLC Manipulator

- **Strong noise immunity**, easy connectivity and hardware fault alerts
- **Convenient monitoring** – simply enter data to track machine status
- **Compact size**, suitable for tight spaces
- **Highly customizable** to each customer's handling requirements

The PLC manipulator is an optimal lifting solution for plants that need precision, safety and flexible handling. It is particularly suited to electronics, precision engineering, equipment assembly and cleanroom production areas.

Contact us for consultation and a quotation

Vietnam factory: Workshop A1-1, VSIP Hai Phong, Nam Trieu Ward, Hai Phong City · +84 817 888 198
Taiwan factory: Zhongli District, Taoyuan City · +886 3-451-8806
Email: sales@fullsharp.com.vn · **Website:** www.fullsharp.com

Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.