

nFA-RC09-05 nFA-RC13-10



FUNCTIONAL FEATURES

1. tool type convenient operation :
 - Support drag, can quickly drag a large distance around the welding point;
 - Uniquely designed end manipulator for fast programming without instruction;
 - Welding gun can be quickly disassembled, only one screw can be quickly installed and disassembled, easy to move to a small space;
 - Optional magnetic base, can be installed on the workpiece;
2. complete welding functions:
 - Welding package
 - Swing function
 - Multi-layer and multi-channel functions*
 - Location finding function
 - Arc tracking function
3. Main functions of collaborative robots:
 - With UPS, support power failure regeneration;
 - Support gravity compensation, tool load identification;
 - Support collision detection, stop immediately when hit, man-machine collaboration;
 - Double encoder design, more secure;
 - Interactive information, man-machine collaborative work;

Number of axes	6	6
Maximum load	5kg	10kg
Maximum reaching distance	906mm	1320mm
Repeated positioning accuracy	±0.02mm	±0.03mm
Robot body weight	22.5kg	37.8kg
Maximum travel	J1	±360°
	J2	±360°
	J3	-78°~256°
	J4	±360°
	J5	±360°
	J6	±360°
Maximum speed	J1	225°/S
	J2	225°/S
	J3	225°/S
	J4	250°/S
	J5	250°/S
	J6	250°/S
IP level	IP 54	IP 54

Installation interface diagram

