Automation has a name.

FANUC

PROTECT YOUR SENSITIVE PRODUCTS WITH ESD-COMPLIANT AUTOMATION

Discover the FANUC ESD-compliant Robot Range



FIND THE IDEAL ESD-COMPLIANT ROBOT FOR YOUR APPLICATION

HELP PROTECT SENSITIVE COMPONENTS FROM ELECTROSTATIC DISCHARGE

RELY ON PROVEN FANUC PERFORMANCE AND RELIABILITY

FOR MORE INFORMATION VISIT:
FANUC.EU



BUILT FOR ESD-SENSITIVE MANUFACTURING

Electrostatic discharge (ESD) can damage sensitive components, affect product quality and increase manufacturing costs. Designed for ESD-controlled manufacturing environments operating in accordance, FANUC ESD-compliant robots help minimise electrostatic charge generation while maintaining high productivity and reliable operation.

Available as 5-axis, 6-axis and SCARA robots, FANUC enables you to implement ESD-safe automation solutions for electronics manufacturing, battery production, semiconductor-related processes, medical devices and other sensitive applications.

PROTECT YOUR SENSITIVE PRODUCTS WITH ESD-COMPLIANT AUTOMATION

Key advantages

- **Prevent electrostatic charge build-up**
  The specialised ESD treatment is designed to dissipate electrostatic, helping to minimise the risk of discharge during robot operation.
- **Protect sensitive components**
  Reduce the risk of ESD-related damage to electronic components and battery cells during handling, assembly, and production processes.
- **Support stable production processes**
  Help maintain consistent manufacturing conditions by preventing uncontrolled electrostatic discharges that can disrupt sensitive operations.
- **Reduce contamination risks**
  Minimise particle attraction caused by static electricity, supporting cleaner production environments and improved product quality.
- **Suitable for Electrostatic Protected Areas (EPAs)**
  Designed for ESD-sensitive manufacturing environments, FANUC ESD robots support applications operated within Electrostatic Protected Areas (EPAs), helping manufacturers address the requirements of modern battery, electronics and high-tech production.

DISCOVER OUR ESD-COMPLIANT 5 AND 6-AXIS MODELS



SPECIFICATIONS							
Type	LR-10*i*A/10	LR Mate/14-7D	LR Mate 200*i*D	LR Mate 200*i*D/7H	LR Mate 200*i*D/7L	LR Mate 200*i*D/14L	LR Mate 200*i*D/4S
Payload (kg)	10	14	7	7	7	14	4
Reach (mm)	1101	717	717	717	911	911	550
Axes	6	6	6	6	6	6	6
Repeatability (mm)	± 0.01	± 0.05	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01
Protection Body / Wrist and J3 arm	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67
Installation	Floor, ceiling, angle	Floor, ceiling, angle	Floor, ceiling, angle	Floor, ceiling, angle	Floor, ceiling, angle	Floor, ceiling, angle	Floor, ceiling, angle
Robot controller	R-30*i*B Plus	R-50*i*A	R-30*i*B Plus	R-30*i*B Plus	R-30*i*B Plus	R-30*i*B Plus	R-30*i*B Plus

DISCOVER OUR ESD-COMPLIANT SCARA MODELS



SPECIFICATIONS				
Type	SR-3*i*A/C	SR-6*i*A/C	SR-12*i*A	SR-20*i*A
Payload (kg)	3	6	12	20
Reach (mm)	400	650	900	1100
Axes	4	4	4	4
Repeatability (mm)	± 0.01 (J1,J2, J3) ± 0.004° (J4)	± 0.01 (J1,J2, J3) ± 0.004° (J4)	± 0.01 (J1,J2, J3) ± 0.005° (J4)	± 0.02 (J1,J2) ± 0.01 (J3) ± 0.005° (J4)
Protection Body / Wrist and J3 arm	IP54/IP54	IP54/IP54	IP20/IP20	IP20/IP20
Installation	Floor	Floor	Floor	Floor
Robot controller	R-30*i*B Plus	R-30*i*B Plus	R-30*i*B Plus	R-30*i*B Plus

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