

FANUC LR Mate 200iD/4SC



The FANUC LR Mate 200iD/4SC is perfect for integration into confined spaces, and it is specifically designed for higher speed applications that happen in clean room or food processing facilities.

This LR Mate is able to take advantage of all the perks FANUC has to offer, like intelligent vision systems and force control, both of which are integrated into this robot. The LRMate 200iD/4SC is a class 10 clean room robot, which means that it can operate in some of the most stringent clean rooms -- clean rooms that require workers to wear gowns, zippered coveralls, gloves, boots, and respirators to protect the air. LR Mate 200 iD/4SC robots can be used in these environments because they are painted with specialized coatings and dust-free parts that do not kick particles into the air. A protection level of IP67 is imperative for these types of robots.

For more information about the FANUC LR Mate 200iD/4SC, contact a T.I.E. Industrial representative today at 877-762-6881.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 4 kg
 H-Reach:..... 550 mm
 Repeatability: ±0.02 mm
 Robot Mass: 20 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

J1..... 460°/s (8.03 rad/s)
 J2..... 460°/s (8.03 rad/s)
 J3..... 520°/s (9.08 rad/s)
 J4..... 560°/s (9.77 rad/s)
 J5..... 560°/s (9.77 rad/s)
 J6..... 900°/s (15.71 rad/s)

Robot Motion Range

J1..... ±360°
 J2..... ±230°
 J3..... ±402°
 J4..... ±380°
 J5..... ±236°
 J6..... ±720°

Robot Controllers

- R-30iB Mate Cabinet >
- R-30iB Open Air Cabinet >
- R-30iB iPendant Touch >

Robot Applications

- Assembly >
- Cleanroom >
- Material Handling >
- Order Picking >
- Pick and Place >