

FANUC LR Mate 200iB/3L



The FANUC LR Mate 200iB/3L is a six-axis, electric servo-driven mini robot with a longer reach. The LRMate 200iB/3L's small size makes it fast and efficient, while taking up minimal floor space. It is designed to provide maximum flexibility, accuracy, high speeds for a variety of applications. This FANUC LR Mate 200iB 3L R-J3iB robot is designed for material handling, machine loading, and assembly applications.

There are minimal maintenance requirements on this robot as it has brushless AC motor servo motors, harmonic drives on all axes, sealed bearings and drives, and also internally mounted cables and tooling. This LR Mate 200iB 3L R-J3iB robot comes equipped with the high-tech R-J3iB controller.

For more information about the FANUC LR Mate 200iB/3L, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 3 kg
H-Reach:..... 856 mm
Repeatability: ± 0.04 mm
Robot Mass: 47 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 140°/s (2.44 rad/s)
J2..... 150°/s (2.62 rad/s)
J3..... 160°/s (2.79 rad/s)
J4..... 400°/s (6.98 rad/s)
J5..... 330°/s (5.76 rad/s)
J6..... 480°/s (8.38 rad/s)

Robot Motion Range

J1..... ±180°
J2..... +150° - 35°
J3..... +165° - 125°
J4..... ±190°
J5..... ±120°
J6..... ±360°

Robot Controllers

R-J3iB >

Robot Applications

Dispensing >

Machine Loading >

Material Handling >

Parts Transfer >