

## FANUC LR Mate 200iB



The versatile FANUC LR Mate 200iB is a compact, modular construction, table-top robot that can be used for a variety of applications. The 200iB robot is electric servo-driven and has a six-axis arm with many different mounting capabilities. The 200-iB also has the ability to flip over backwards for a larger work envelope and to provide maximum flexibility.

Additional benefits include axis speeds that can reach up to 480 degrees/sec., an end effector built into the wrist, fail-safe brakes on axis 2 and 3, and an integral, internally mounted solenoid valve pack. Minimal maintenance will be required with the brushless AC servo motors and harmonic drives on all axes. Furthermore, there are sealed bearings and drives, and internally mounted cables and tooling services for further protection.

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

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 5 kg  
H-Reach:..... 700 mm  
Repeatability: ± 0.04 mm  
Robot Mass: 45 kg  
Structure: ..... Articulated  
Mounting: ..... Floor, Inverted, Angle

#### Robot Motion Speed

J1..... 180°/s (3.14 rad/s)  
J2..... 180°/s (3.14 rad/s)  
J3..... 225°/s (3.93 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..... ±160°  
J2..... +150° - 35°  
J3..... +206° - 110°  
J4..... ±190°  
J5..... ±120°  
J6..... ±360°

#### Robot Controllers

R-J3iB >  
R-30iA >

#### Robot Applications

Assembly >                      Material Handling >  
Cleanroom >                    Material Removal >  
Dispensing >                    Part Transfer >  
Machine Loading >              Spindling >