

FANUC LR Mate 200iC/5L



FANUC LR Mate 200iC/5L robots are used for a wide variety of applications such as machine tending, material handling, assembly, dispensing, and material removal. It is a tabletop robot with a long reach of 892 mm and is designed with a slim wrist and a small footprint, aiding it in reaching confined places. It is rated best-in-class for performance in a light, efficient, accurate, and nimble (LEAN) package.

The 200iC/5L is able to maximize LEAN manufacturing and can be used in several different industries including the electronics, food, plastics, metals, consumer goods, and medical industries. Rated best-in-class for its wrist load capacity, the LRMate 200iC/5L has a large work envelope that allows it to work quickly, accurately and efficiently. It has 0.03 mm repeatability, faster sustained speeds, and can flip over backwards for a larger work envelope.

For more information about the FANUC LR Mate 200iC/5L, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 5 kg
H-Reach:..... 892 mm
Repeatability: ±0.03 mm
Robot Mass: 29 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 270°/s (4.71 rad/s)
J2..... 270°/s (4.71 rad/s)
J3..... 270°/s (4.71 rad/s)
J4..... 450°/s (7.85 rad/s)
J5..... 450°/s (7.85 rad/s)
J6..... 720°/s (12.57 rad/s)

Robot Motion Range

J1..... ±340°
J2..... ±230°
J3..... ±373°
J4..... ±380°
J5..... ±240°
J6..... ±720°

Robot Controllers

R-30iA Mate >

Robot Applications

Arc Welding >

Injection Molding >

Machine Loading >

Machine Tending >

Material Handling >

Mig Welding >

Tig Welding >

Waterjet >