

FANUC LR Mate 200iC



Faster and more compact than its predecessors, the FANUC LR Mate 200iC robot arm's high-positioning accuracy and tabletop size make it ideal for a variety of automation applications, including material handling, machine tending and assembly. The size of a human arm, the mini LR Mate 200iC moves with 152 percent more speed and 50 percent more accuracy than the earlier models.

The entire 200iC series is a super impressive, table-top size robot that is light weight, maintains a slim profile, has high dexterity, and produces faster sustained speeds with superior positioning accuracy. The 200iC mini series is driven by electric servos and is rated best-in-class wrist momentum and inertias for real world EOATs due to its light, efficient, accurate, and nimble package.

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

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 5 kg
H-Reach:..... 704 mm
Repeatability:± 0.02 mm
Robot Mass: 27 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 350°/s (6.11 rad/s)
J2..... 350°/s (6.11 rad/s)
J3..... 400°/s (6.98 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..... ±200°
J3..... ±388°
J4..... ±380°
J5..... ±240°
J6..... ±720°

Robot Controllers

R-30iA >
R-30iA Mate >

Robot Applications

Arc Welding > Pick and Place >
Assembly > Routing >
Foundry > Waterjet >
Milling >