



ROBOT MANIPULATORS & CONTROLLERS

K+S has installed numerous robotic manipulators and control diagnostics systems to facilitate complete system verification for a wide range of robotic components. Electrical devices ranging from CPU's, amplifiers, communications devices, teach pendants, power supplies, servo drives, I/O modules and operator interfaces. Mechanical items such as gear boxes, balancers, wrist assemblies and servo motors are repaired and fully tested for functionality. The diagnostics ensure full load and repeatability testing of all robotic repairs. Manufacturers include Fanuc, Motoman, ABB, Kuka, Nachi, Kawasaki and others.

Fanuc Control/Manipulator

R30iA/R2000iA
R30iB/R2000iB
RH/A200
RJ2/S420iF
RJ2/S420iW
RJ3/Arcmate 120i
RJ3/S430iF/W
RJ3iB/R2000iA
RJ3iB/M6i

ABB Control/Manipulator

S3/IRB6000
S4C+/IRB6600
S4C/IRB6400
S4/IRB6400
IRB/IRB1400
IRC5/IRB6600
IRC5/IRB7600

Motoman Control/Manipulator

DX100/HP175
ERC/YR6
MRC/K100
MRC/K30
MRC/YR-SK6
NX100/HP175
XRC/UP6
XRCmini/S1M005

Comau Control/Manipulator

C3G+/Smart M1

Kawasaki Control/Manipulator

AD/UX150
C32/ZX165U
C42E/ZX165U
C52/ZX165U

Nachi Control/Manipulator

AX/SH200
AR/SA160
AW/SH166
AW11T-10/SH166-01

Kuka Control/Manipulator

KR C2/KR210
KR C1/KR30/2
KR C1/KR602/2

