

# **QUALITY REPAIR OF MANUFACTURING EQUIPMENT**

### **ROBOT MANIPULATORS & CONTROLLERS**

K+S has installed over 50 robotic manipulators and controller diagnostic systems in order to facilitate complete functional and closed loop testing for a wide range of robotic components. Electrical devices ranging from CPU, axis, communication boards to teach pendants, power supplies, servo drives, I/O modules and operator display panels are all included. Mechanical items such as gear boxes, balancers, wrist assemblies, and servo motors are also supported. These complete diagnostic systems ensure full load and repeatability testing for all your robotic repair needs. Manufacturers include Fanuc, Yaskawa/Motoman, ABB, Kuka, Nachi, Kawasaki and more.

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

### **ABB Control/Manipulator**

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

### **Motoman Control/Manipulator**

MRC/K100 ERC/YR6 MRC/K30 XRC/UP6 NX100/HP175 DX100/HP175 DX200/MH180 XRCmini/S1M005

## Comau Control/Manipulator

C3G+/Smart M1

### **Kuka Control/Manipulator**

KRC2/KR210 KRC4/KR210

### Kawasaki Control/Manipulator

C32/ZX165U C52/ZX165U

## Nachi Control/Manipulator

AX/SH200 AW/SH166





