

FANUC



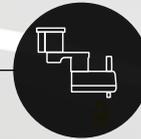
EASY INTEGRATION
thanks to a compact
installation interface



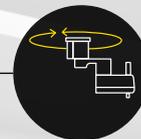
INTEGRATED SERVICES
I/O, 24 DVC, solenoid
valves and air lines prevent
interference contours



700 MM WORKING DIAMETER
and 360° work area for
highest flexibility



**IMPRESSIVE
WEIGHT-TO-LOAD RATIO**
weight 27 kg vs. payload 3 kg



100% WORKSPACE
as no lost space in the
center of the work envelope

Zero footprint SCARA robot for highest flexibility SR-3iA/U

Next level of FANUC SCARA robot line-up

- zero footprint offers maximum flexibility
- no lost space in the center of the work envelope as entire workspace underneath the arm can be utilised (no dead-zone)
- highly suitable for assembly, packaging and material handling operations
- R-30iB Compact Plus controller with minimum space requirements
- web based user interface (*iRProgrammer*) for intuitive and ease-of-use programming via tablet or PC (no *iPendant Touch* required but optional available)
- payload capacity: 3 kg, horizontal reach: 350 mm, vertical reach: 140 mm
- integrated services e.g. I/O, 24 VDC, solenoid valves and air lines in the arm simplify integration and reduce costs
- push-down force up to max. 150 N

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SR-3iA/U



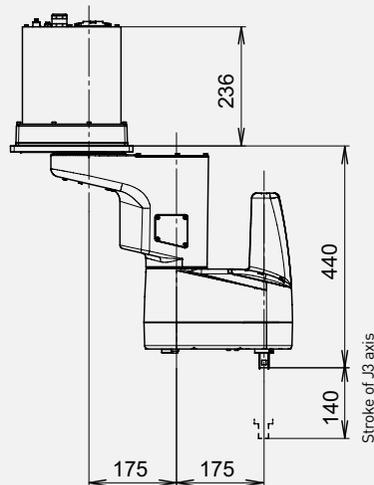
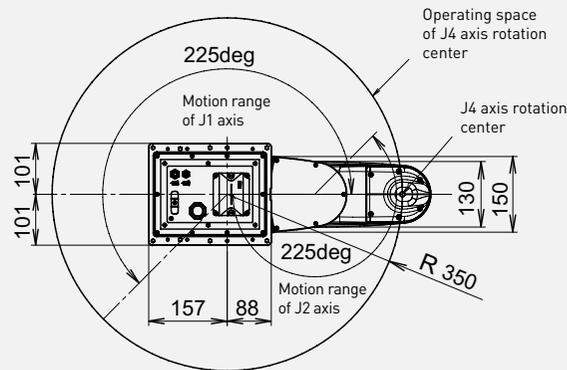
Max. load capacity
at wrist: **3 kg**



Max. reach:
350 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s)						J4 Inertia (kgm ²)	J5 Inertia (kgm ²)	J6 Inertia (kgm ²)
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6			
4	±0.01 (J1,J2), ±0.01 (J3), ±0.004° (J4)	27	450	450	140 mm	1440	-	-	610	840	1500 mm/sec	3000	-	-	0.06	-	-

Working range



Robot

	SR-3iA/U
Robot footprint [mm]	202x245
Mounting position Floor	-
Mounting position Ceiling	•
Mounting position Angle	-
Mounting position Wall	-



Controller

	R-30iB Plus
Compact Plus	•
Open air cabinet	-
Mate cabinet	-
A-cabinet	-
B-cabinet	-
iPendant Touch	-

Electrical connections

Voltage 50/60Hz 3phase [V]	-
Voltage 50/60Hz 1phase [V]	200-230
Average power consumption [kW]	0.25

Integrated services

Integrated signals on upper arm In/Out	4 RI
Integrated air supply	2
Integrated solenoid valve	Solenoid valve 2

Environment

Acoustic noise level [dB]	< 70
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP20
Wrist & J3 arm standard/optional	IP20

Auxiliary

Max. push-down force [Newton]	150
Max. linear speed at TCP [mm/sec]	-
Cleanliness class	-

• standard ◦ on request - not available () with hardware and/or software option