

RC7 Controller

FEATURES

Compact

Smallest size in its class
(440 x 425 x 152.4 mm)

Light weight

Less than 20 kg

Many different interfaces

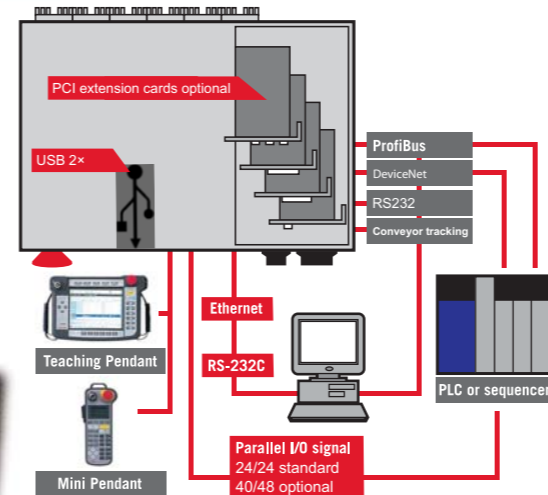
Standard: 1 Ethernet, 2 USB, 1 RS232C,
1 Mini Parallel I/O
Optional: 2 RS232C, 1 DeviceNet,
1 Profibus, 1 Parallel I/O

Large memory capacity

3.25 MB (10,000 steps and 30,000
points); expandable to 5.5 MB

Offline programming software

WINCAPS II 3-D simulation software
allows offline programming and remote
monitoring of robot operation



MAIN SPECIFICATIONS :

Controller model:	RC7	
Size & weight:	440 x 425 x 152.4 mm; 20 kg	
Control method/drive system:	PTP, CP 3D linear, 3D circular; all axes: full-digital AC servo	
User memory capacity:	3.25 MB (10,000 steps, 30,000 points); expandable to 2.25 MB	
Language:	DENSO Robot Language (conforming to SLIM)	
No. of teach programs:	255	
External signals (I/O):	Hand (gripper) I/O:	8/8
	Mini I/O:	16/16
	Extension I/O board (option):	40/48 (2-board capability)
External communication:	1 Ethernet (100 Base-T)	
	3 RS232C (option: 2)	
	2 USB (for backup storage on memory stick)	
Field buses (option):	Profibus slave board:	256/256
	DeviceNet slave	256/256
	DeviceNet master	1024/1024
	DeviceNet master & slave	1280/1280
Protection class:	IP20 (protection box IP53 available)	
Power source:	VP, VS, HS, HM: Single-phase, 230V ±10%, 50/60Hz	
	VM: 3-phase, 200V -15%—230V +10%, 50/60Hz	