

IXP- 3W3515/4W3515

Dust/
Splash-
proof
specification

Arm
length
350mm

Vertical
axis
150mm

■Model Specification Items	IXP	<div></div>	W	35	15	—	WA	—	<div></div>	—	P3
	Series	Number of axes	Type	Arm length	Vertical axis stroke	—	Encoder type	—	Cable length	—	Applicable controller
		3: 3 axes 4: 4 axes	W: Dust/ Splash-proof specification	35: 350mm	15: 150mm		WA: Battery-less absolute specification		3L: 3m 5L: 5m Cable length described below Refer to the price list.		P3: MSEL

*Controller is not included.



*The photograph shows a 4-axis specification.

POINT Note on selection	•Refer to P. 7 for *1 through *8. •The vertical axis has no brake. The unique structure holds the load in place even when the servo is turned off. •The vertical axis does not support push-motion control. •The allowable push force is 60N under condition of having a buffer such as a spring on a tool or the pressing side. •Refer to P. 7 for the work envelope, and P. 8 for the notes on acceleration/deceleration setting.

Robot Specifications

Axis configuration		Arm length (mm)	Work envelope	Positioning repeatability *1	Maximum operating speed in PTP mode *2	Payload (kg) *3	
						Rated	Maximum
Axis 1	Arm 1	160	±127°	±0.03mm	2399mm/s (Composite speed)	1	3
Axis 2	Arm 2	190	±127°				
Axis 3	Vertical axis	—	150mm	±0.02mm	270mm/s		
Axis 4	Rotational axis	—	±360°	±0.02°	1000°/s		

Robot Specifications

	3-axis specification	4-axis specification
Encoder type	Battery-less absolute encoder	
Standard cycle time *4 (sec)	0.76	
Allowable torque (Axis 4) (N·m)	—	1.4
Allowable moment (N·m)	2.9	
Allowable inertial moment from the tip of the vertical axis *5 (kg·m ²)	Rated 0.003 Maximum 0.01	Rated 0.003 Maximum 0.003
Ambient operating temperature/humidity	Temperature 0 ~ 40°C Humidity 20 ~ 85%RH (Non-condensing)	
Unit weight (kg)	17	18
Protection class	IP65	
Piping joint for purge	One touch piping joint Applicable tube O.D. ø6	
Air purge pressure *8	1kPa (Clean dry air)	
Purge flow rate	12Nℓ/min	

Price List (Standard price)

Specification	Model number	Standard price
3-axis specification	IXP-3W3515	—
4-axis specification	IXP-4W3515	—

Cable Length (Standard price) <Per Unit>

Cable code	Standard price
3L (3m)	—
5L (5m)	—

