

NEW

The Future's Inline Motion Unit



Features of the CROSS MASTER RX

Selectable stroke

Select optimum stroke from 9 available combinations.

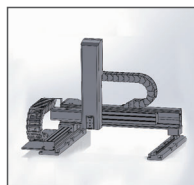
X-axis stroke
200/300/400

Y-axis stroke
200/300/400

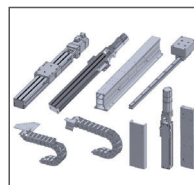


Select from finished product or assembly set

Choose an option to suit your needs.



Finished products with bases



3-axis assembly set

Image recognition/positioning correction function

IMAGE MASTER
350PC Smart

Equipped with various functions that enhance productivity and quality.

- 3D alignment and tracing function
- Camera teaching function
- Syringe set-up function
- Accessories unit



*350PC Smart is available as an option.

Specifications

Robot

Model		XM220RX-3A-L-SBA	XM230RX-3A-L-SBA	XM240RX-3A-L-SBA	XM320RX-3A-L-SBA	XM330RX-3A-L-SBA	XM340RX-3A-L-SBA	XM420RX-3A-L-SBA	XM430RX-3A-L-SBA	XM440RX-3A-L-SBA
Travel ranges	X, Y-axis	200/300/400mm								
	Z-axis	150mm								
Setting range of PTP operation speed (*1)	X, Y-axis	1~500mm/s								
	Z-axis	1~300mm/s								
Setting range of interpolation operation speed (*1)	X, Y-axis	0.1~500mm/s								
	Z-axis	0.1~300mm/s								
Repetitive positioning accuracy (*2)		±0.005mm								
Loading capacity (*3)		7.5kg								
External dimensions (excluding protrusions)	W	700mm	700mm	700mm	800mm	800mm	800mm	900mm	900mm	900mm
	D	600mm	700mm	800mm	600mm	700mm	800mm	600mm	700mm	800mm
	H	553mm								
Weight		38kg	43kg	48kg	39kg	44kg	49kg	40kg	45kg	50kg

Controller

No. of controlled axes	3-axis	
Control method (*4)	PTP control and interpolation control	
Number of input/output signal points	General-purpose input	20
	General-purpose output	23
Program entry method	Teaching pendant, PC	
Program display language	Japanese, English, Chinese	
Program capacity (*5)	40,000 steps (999 channels)	
Program storage system	Internal	Internal memory
	External	Backup with dispensing pattern editing software (PC)
Program editing software	MuCAD V (option)	
Rated voltage and frequency	Single-phase AC 200-240V, 50/60 Hz	
Power consumption	300W	
External dimensions (excluding protrusions)	W450mm×D280mm×H265mm	
Weight	15kg	

*1 These values vary depending on the operations, weight and center of gravity of the loaded object, and other factors.

*2 This value is measured by the method specified by Musashi (measurement method complies with JIS).

*3 The value varies with setting speed, setting acceleration/deceleration time, and operations.

*4 PTP control: Control to move each specified axis to the end coordinates at each speed.

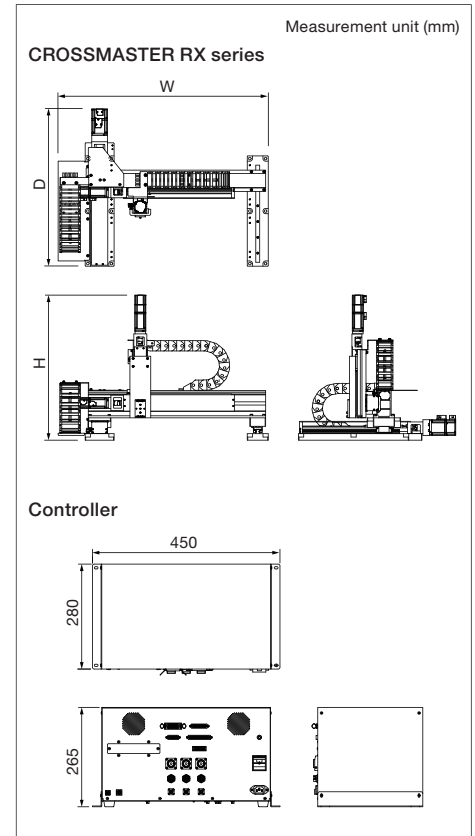
Interpolation control: Control to move each specified axis to the end coordinates at the total interpolated speed.

*5 Main routine: 1 to 99 CH, sub routine: 100 to 999 CH

*The CROSSMASTER RX series corresponds to industrial robots.

*All models have no (motor) step-out specifications.

External dimensions



CROSSMASTER RX

Model Identification

Type X, Y stroke

XM 220

Series No. of Axes

RX - 3A - L - SBA

X-axis origin position

L: left

Shipping type

SBA: Finished products with bases
AAS: 3-axis assembly set

220:200×200mm	230:200×300mm	240:200×400mm
320:300×200mm	330:300×300mm	340:300×400mm
420:400×200mm	430:400×300mm	440:400×400mm

Dispensing pattern editing software

MuCAD V

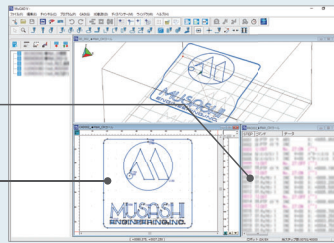
Complex dispensing operations can be programmed quickly and intuitively

- Save editing time
- Intuitive drawing of dispensing patterns

Easily edit any dispensing patterns

Entry by command
Create accurate programs by entering values

Entry by drawing
Use mouse to create "drawing" program to dispense



Compatible with CC-Link (option)



MUSASHI ENGINEERING, INC. (headquarters) is certified and registered according to the ISO 9001 Quality Management System and the ISO 14001 Environmental Management System.



<http://www.musashi-engineering.co.jp/english/>

World Leading Dispenser
MUSASHI ENGINEERING, INC.

HEAD OFFICE
8-7-4, Shimorenjaku, Mitaka-shi, Tokyo, 181-0013, Japan TEL:(81)422-76-7111 / FAX:(81)422-76-7122
BRANCH
TOKYO, OSAKA, NAGOYA, SENDAI, FUKUOKA, SAITAMA, NAGANO, EAST-KANTO, AKITA, KANAZAWA

SINGAPORE	10 Ubi Crescent #05-24 Ubi Techpark Lobby B Singapore 408564 TEL:(65)6258-2422 / FAX:(65)6258-4844
THAILAND	No.12 Soi Bangna-Trad 25, Bangnanuea, Bangna, Bangkok 10260 Thailand TEL:(66)2-022-9015 / FAX:(66)2-769-5450
INDONESIA	Jl. MH. Thamrin, Robson Square, Block A-15, Lippo Cikarang, Bekasi 17550, Jawa Barat, Indonesia TEL:(62)21-8990-5005 / FAX:(62)21-8990-5004
GERMANY	Marcel-Breuer-Str. 15, D-80807 Munich, Germany TEL:(49)89-321996-06 / FAX:(49)89-321996-07
KOREA	(902 No. 9 F. #C, Korea Bio Park.) 700, Daewangpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13488, Korea TEL:(82)31-702-3811 / FAX:(82)31-702-3881
TAIWAN	8F-2, No. 158, Sec. 2, Gongdao 5th Road, Hsinchu, Taiwan 30070 TEL:(886)3-572-9200 / FAX:(886)3-572-9300

CHINA	
HONG KONG	Unit 1706, 17/F., Greenfield Tower, (South) Concordia Plaza, No.1 Science Museum Road, T.S.T.East, Kowloon, H.K. TEL:(852)2620-5799 / FAX:(852)2620-5771
SHANGHAI	A-120 Room, No.525 Xian Feng Street (No.55 Jin Yu Road), Min Hang, Shanghai, China TEL:(86)21-6446-7881 / FAX:(86)21-6446-7882
SHENZHEN	1st floor 102, building 3 of Winlead, Fada road, Bantian Street, Longgang District, Shenzhen TEL:(86)755-8346-6822 / FAX:(86)755-8346-6866
TIANJIN	Room 1601, Sino Ocean International Center, No. 40 Huachang Road, Hedong District, Tianjin TEL:(86)22-5856-2051
SUZHOU	Room 1010, No.188 Wang Dun Road, GENWAY BUILDING, Suzhou City Industrial estate Distric, Jiangsu, CHINA TEL:(86)512-6878-4428 / FAX:(86)512-6878-4438