



PRODUCT OVERVIEW

Reciprocators



Product type:

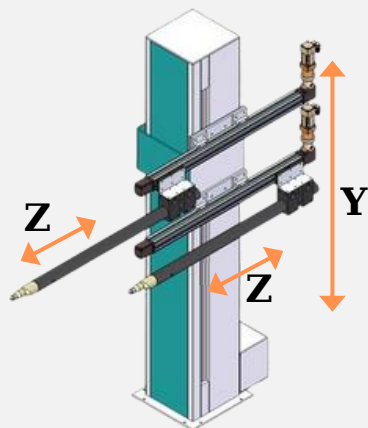
MS Reciprocators



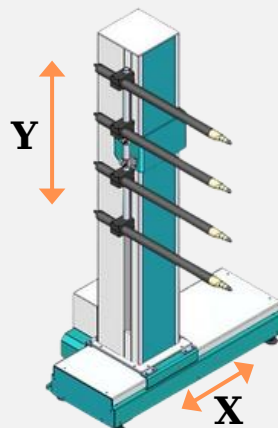
- The MS reciprocator, capable of 3-axis control, was developed to enable efficient production in both automatic powder and solvent-based coating applications.
- Its sophisticated reciprocator system features a modular design, allowing for future expansion. Additionally, PC-controlled modules enable complex axis control.
- As with all MS products, the reciprocator offers the hallmark MS characteristics of high reliability and durability.



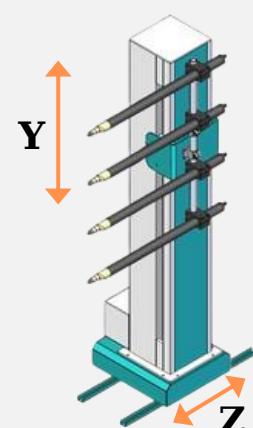
MS reciprocators designed for automated coating processes.



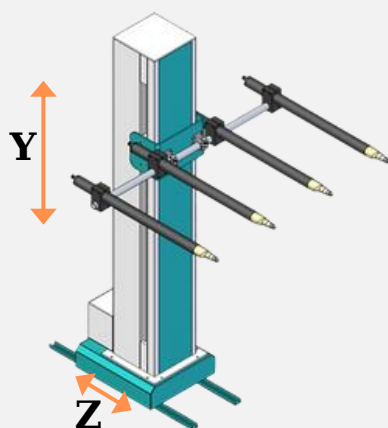
Front-back (Z-axis) +
vertical (Y-axis) gun



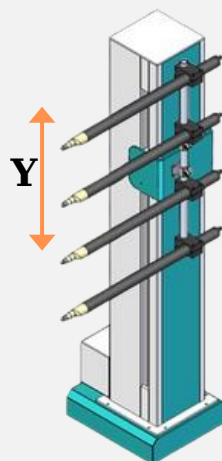
Vertical (Y-axis)
gun with lateral (X-
axis) movement
mechanism



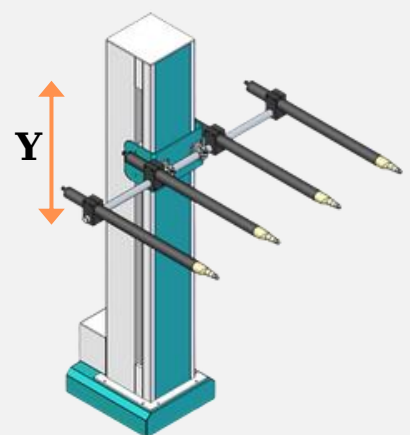
Vertical (Y-axis) gun with
lift motion in front-back (Z-
axis) direction + base (no
lateral movement), with 2
fixed swivel casters



Horizontal (Y-axis) gun with
lift motion in front-back (Z-
axis) direction + base (no
lateral movement), with 2
fixed swivel casters



Vertical lifting motion in
Y-axis direction + base-
mounted vertical gun



Vertical lifting motion in
Y-axis direction + base-
mounted horizontal gun



Features of MS Reciprocators

Operated by a gear motor and wear-resistant timing belt

MS slide guides with high-durability bearings support heavy loads up to 80 kg

Rotary encoder control enables position detection in millimeters or centimeters

Infinitely variable speed adjustment and return point programming available on control module

Capable of storing over 1,000 customized coating pattern programs

Programmable features include gap control, cleaning position, and variable output

Designed for easy maintenance operations

Specifications

Power Consumption	0.75 kW
Stroke	600/1000/1500/2000 mm
Electrical Connection	220V / 380V / 50Hz II 3 D
Protection Rating	IP54 T85°C

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