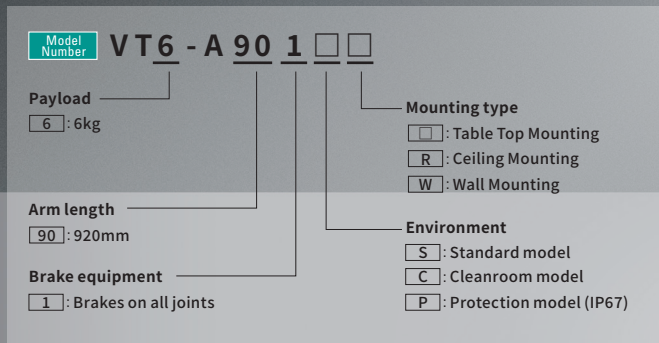


Built-in controller small 6-axis robot

VT6L

Simple setup and high cost-performance
for easy and affordable automation

- Space-saving design with built-in controller
- 6-axis versatility without complicated setup
- AC100V~240V power source compatibility
- Hollow arm construction for internal cabling
- Batteryless motor unit for reduced maintenance downtime



Specifications

Model name		VT6L
Model number		VT6-A901 <input type="checkbox"/> <input type="checkbox"/>
Payload (Load)*1	Rated	3 kg
	Max.	6 kg
Max. reach	P point: Joint#1-5 center	920 mm
	Joint#1-6 flange surface	1000 mm
Repeatability	Joint#1-6	± 0.1 mm
Allowable moment of inertia*2	Joint#4	0.3 kg-m ²
	Joint#5	0.3 kg-m ²
	Joint#6	0.1 kg-m ²
Mounting type*3		Table top / Ceiling / Wall mount
Environment spec		Standard / Cleanroom*4 / Protection (IP67)
Weight (cables not included)		40 kg
Applicable Controller		Built-in controller
Installed wire for customer use		None (External Wiring Option available)
Installed pneumatic tube for customer use		None (External Wiring Option available)
Power		AC100-240 V single phase
Power Consumption*5		1.2 kVA
cable length		5 m
I/O	Standard I/O	In 24, Out 16 (Non polarity)
	Remote I/O	In 8, Out 8 (Remote function assigned to standard I/O)

*1: Do not apply the load exceeding the maximum payload.

*2: If the center of gravity is at the center of each arm. If the center of gravity is not at the center of each arm, set the eccentric quantity using INERTIA command.

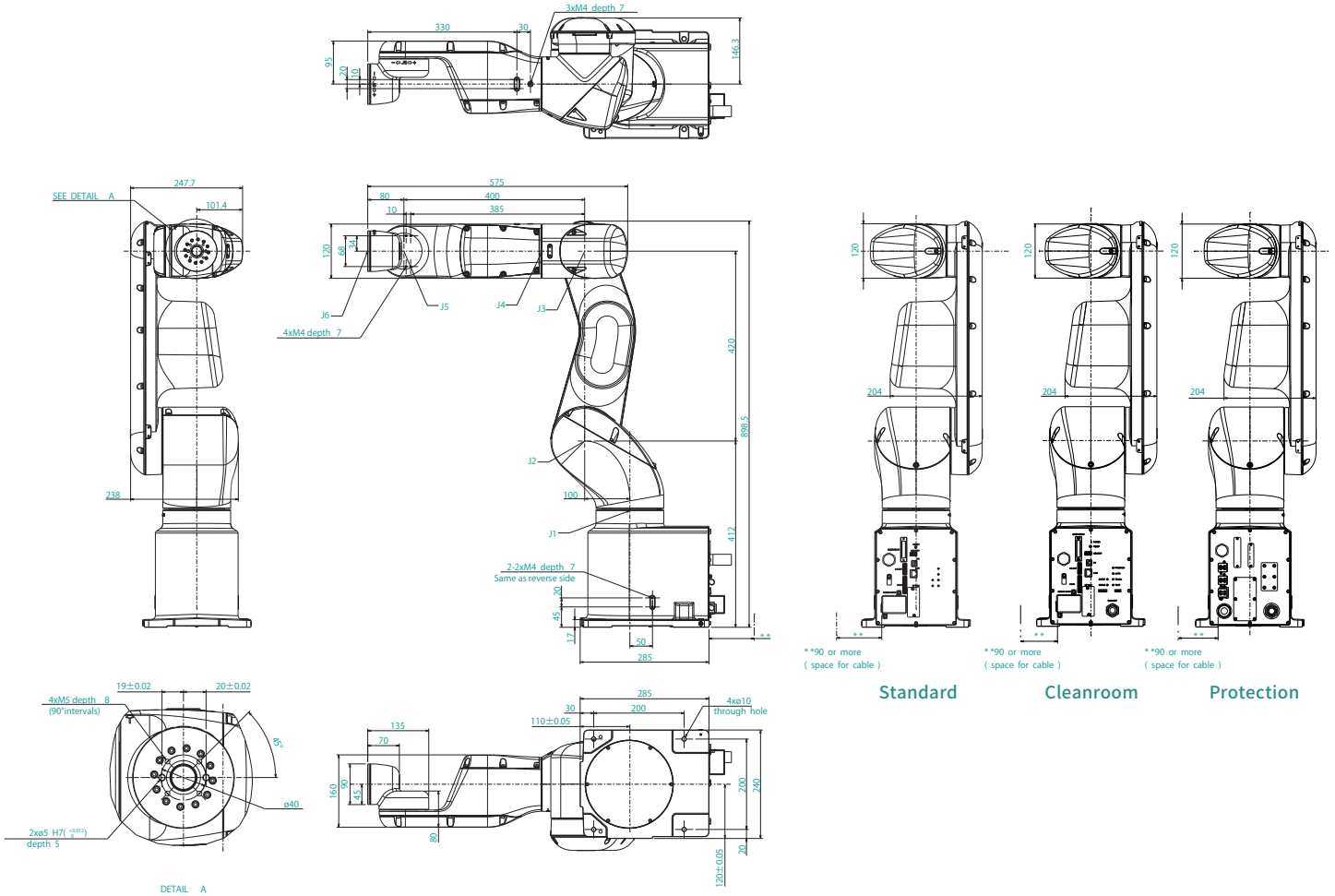
*3: Manipulators are set to "Table Top mounting" at shipment. To use the manipulators by other installation coordination, need to change the model settings on RC+ software. (Cleanroom and Protection : Table top only)

*4: Cleanliness level : ISO Class 4 (ISO14644-1)

*5: It depends on operating environment and operation program.

Outer Dimensions

[Unit: mm]



Motion Range

