

**MEDICAL (RS SERIES) MACHINE**  
**DISASSEMBLY GUIDE**

Resvent Medical Technology Co., LTD.

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## **Chapter 1 Description**

### **1.1 Purpose**











In order to guide the relevant use and maintenance personnel to carry out the correct, effective and controllable disassembly of the medical RS series machine, the guidelines for disassembly of the whole machine that meet the requirements are compiled and formulated, and the disassembly of the whole machine is classified when necessary.

### **1.2 Scope of application instructions**


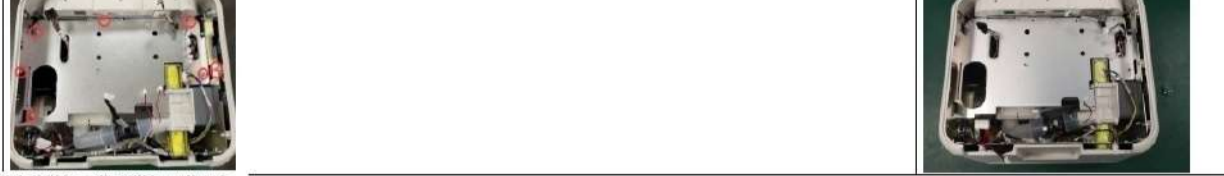




Apply to CV01-RS series

## Chapter 2 Whole machine disassembly

### 2.1 Display screen assembly disassembly

procedure	① Remove the damping cap silicone plug	Remove the damping cover silicone plug
Photos		
Dismantling tool	Tweezers	
↓		
Steps	① Remove the screw first and then the damping shaft cover	Remove the screw and damping shaft cover state
Photo		
Dismantling tool	③ M3 electric Phillips screwdriver / M3 Phillips screwdriver	
↓		
Steps	① Remove the upper cover screw first, and then remove the monitor mounting seat screw	Remove the upper cover screw and the monitor mounting seat screw status
Photo		
Dismantling tool	③ 03 Cross electric screw batch / 13 Phillips screwdriver; 214 hex electric screwdriver / 14 hex wrench	
↓		
Steps	① Remove the upper cover plate	Remove the upper cover plate state
Photo		
Dismantling tool	/	
↓		
Steps	① Remove the wiring of the display component first, and then remove the display group	Remove the display assembly status
photograph		
Dismantling tool	/	

## 2.2 Host kernel disassembly

A summary	<p>1) Remove the PCB from the motherboard (first remove the wiring, then remove the label pipe, then remove the screw, and finally remove the wire connector)</p>	<p>Take off the PCB status of the motherboard</p>
Photo		
Dismantling tool	<p>1) M3 electric Phillips screwdriver, M3 Phillips screwdriver</p>	
↓		
Steps	<p>1) Remove the screws from the PCB mounting board of the main control board</p>	<p>Remove the screws on the PCB mounting board of the main control board</p>
Photo		
Dismantling tool	<p>DM3 Electric Phillips screwdriver, M3 Phillips screwdriver, magic knife</p>	
↓		
Steps	<p>1) Remove the PCB mounting plate from the main control board</p>	<p>Remove the PCB mounting board and status of the main control board</p>
Photos		
Dismantling tool	<p>1)</p>	
↓		
Photo	<p>1) Remove the screws securing the tray of the turbine box assembly</p>	<p>Remove the screw status of the turbine box assembly by using wire</p>
Photo		
Dismantling tool	<p>1) M3 electric Phillips screwdriver, M3 Phillips screwdriver</p>	
↓		
Steps	<p>1) Remove the securing plate of the turbine box assembly</p>	<p>Remove the status of the turbine box assembly by using wire</p>
Photo		
Dismantling tool	<p>1)</p>	
↓		
Steps	<p>1) Cut off the cable in first, then remove the pipe, and then take off the turbine box group</p>	<p>Remove the turbine box assembly with wire</p>
Photo		
Dismantling tool	<p>1)</p>	

↓

	<p>① Cut off the cable tie first, then remove the heat sink screw, then remove the turbine cover screw, and finally remove the turbine</p>	<p>Remove the turbine state</p>
Photo		
<p>Disassembling tools ① Diagonal pliers ② M4 hexagon electric screw ③ M4 hexagon wrench ④ M3 Phillips electric screw ratio ⑤ M3 Phillips screwdriver</p>		
↓		
Steps	<p>① Remove the suction valve assembly</p>	<p>Remove the suction valve assembly status</p>
Photo		
<p>Folding tool /</p>		
↓		
Steps		<p>Remove the suction valve mounting seat assembly screw status</p>
Photo		
<p>Disassembling tools ① M3 Phillips electric screw batch ratio ② M3 Phillips screwdriver</p>		
↓		
Steps	<p>① Remove the pipe first, and then remove the suction valve mounting block</p>	<p>Remove the status of the suction valve macro mounting seat assembly</p>
Photos		
<p>Folding tool /</p>		
↓		
Steps	<p>① First unplug the pipe, then remove the screw of the oxygen inlet assembly, and then remove the oxygen inlet assembly</p>	<p>Remove the oxygen inlet block state</p>
Photos		
<p>Dismantling tools ① M3 hexagonal electric screw batch ② M3 hexagonal wrench</p>		
↓		
Steps	<p>① Remove the expiratory fluid assembly</p>	<p>Remove the exhalation valve assembly state</p>
Photo		
<p>Disassemble the works /</p>		

### 2.3 Other accessories collection disassembly

procedure	③ Remove the intake port cover, intake filter cotton, fan cover, and fan port filter cotton	Remove the intake port cover, intake filter cotton, fan cover, and fan port filter cotton status
Photos		
Dismantling tool	/	

2.4 Shell collection disassembly














<p>Photos</p>	<p>1) Remove the bottom panel</p> 	<p>Remove the bottom screw status</p> 
↓		
<p>Steps</p>	<p>1) Remove the rear screws</p> 	<p>Remove the rear screw status</p> 
↓		
<p>Photo</p>	<p>1) Remove the screws on the left side</p> 	<p>Remove the left screw status</p> 
↓		
<p>Photos</p>	<p>1) Remove the left panel and oxygen battery cover</p> 	<p>Remove the left panel and oxygen battery cover status</p> 
↓		
<p>Photo</p>	<p>1) Tuck down the right side rail</p> 	<p>Remove the right screw status</p> 
↓		
<p>Photos</p>	<p>1) Remove the right panel and back cover</p>  	<p>Remove the right panel and back cover of the case</p> 









Photo		
	<p>Dismantling tool: (1) M3 electric Phillips screwdriver, M3 Phillips screwdriver</p>	





Photo		
	<p>Steps: (1) Remove the front cover, (2) Remove the top cover plate</p>	



## 2.5 Lithium battery collection disassembly

procedure	① Remove the lithium battery stop screw	Remove the lithium battery stop block screw state
Photos		
Dismantling tool	0M3 Phillips electric screwdriver / M3 ten Woo screwdriver	



Steps	① Remove the lithium battery stop	Take off the lithium battery block state
Photos		
Dismantling tool	/	



Steps	① Remove the lithium battery	Take off the lithium battery state
Photos		
Dismantling tool	/	