



Plasma Polisher- RT 900

Free from Manual Constraints Unlocking Digital Potential

RT 900 is a plasma polishing machine for Cobalt-Chrome polishing developed by Riton. It utilizes an advanced automatic polishing system to provide an efficient, precise, one-step automatic polishing solution for today's dental industry.

• Efficient

Traditional manual dental frame	VS	Dental frame processed by RT 900 plasma polishing machine
13pcs/day		20pcs/day

* Example Scenario

From casting to post-processing, the RT 900 plasma polishing machine is approximately 54% more efficient and productive than traditional manual processes.

• Accurate

Traditional Manual Polishing	VS	Polishing with RT 900 Plasma Polishing Machine
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The quality of the finished product is based on the experience of the technician
Mixed polishing results

No change in the dimensions of the workpiece,
loss values within reasonable limits
Consistent polishing results

The RT900 plasma polishing machine has a gentle polishing process. Polishing process removes only from peaks of roughness without changing overall dimensions and will not make the edge of the work piece round, reducing human-caused uncertainty.

• In One Step

RT 900 Plasma Polishing Process

RT 900 Plasma Polishing Process

Frames 3D printed or casting > Sandblasted > Rough grinding > RT 900 automatic polishing system > Done

Traditional Polishing Process

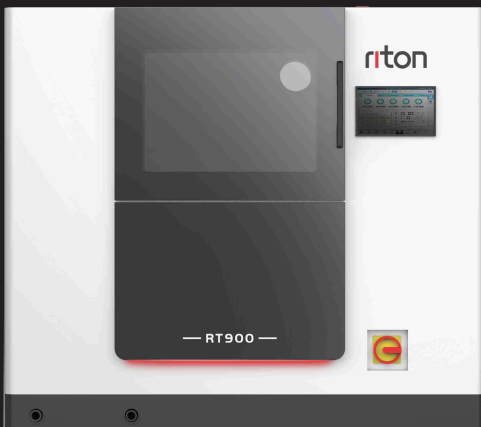
Frames 3D printed or casting > Sandblasted > Electrolysis > Rough grinding > Fine grinding > Polishing shiny with buffs and compound > Done



Simplify and shorten the operation process, polishing in one step

riton[®]

• Equipment Parameters



Areas of Application	Dental, Medical
Application Materials	Cobalt-Chrome
Cooling System	Air cooling
Dimension	60*65*72cm
Current	0-30A
Voltage	220V
Weight	32kg
Power	AC220V/50-60Hz8.6A/2.9kw
Water Outlet	φ20mm
Water Inlet	φ20mm
Large Tank Volume	24L
Small Tank Volume	600*650*720mm
Production Capacity	3pcs