

Everything About Sandblasting



SK 850I

Saykar has been manufacturing surface treatment machines working with pressurised air since 2003. The design and principles of operation of these machines are entirely owned by Saykar.

SK 850 I Automatic Implant Wet Blasting Machine is especially designed for the purpose of titanium dental implant's surface roughening. Homogeneous roughening of the implant by providing process speed of 300 implant pieces per hour. The direction of rotation and the rotation of the implant can be set and can be programmed. In the same way the amount of abrasive to be sprayed per unit time and blasting pressure can also be adjusted. It has anti-corrosive stainless steel cabinet. This sandblasting cabinet is safer by door switches, solenoid valve and custom made panel.

Occupies less space than general purpose sandblasting machines.

The consumable punches that can be formed on the pieces are prevented by wet sandblasting. Brighter and more sensitive surface compared to dry sandblasting system.

High roughening capacity thanks to aqueous supply feeding.

Suitable to the laboratory environment with high filtration capacity. SK 850 I Automatic Implant Wet Blasting Machine enhanced with superior features provide great advantages in this field. The consumable punches that can be formed on the pieces are prevented by wet sandblasting. Brighter and more sensitive surface compared to dry sandblasting system. Wet blasting system also extends the service life of the consumables.



**Roughening
Implants of
300 Pcs
Per Hour**

**Direction of
Rotation
and Speed
Adjustment**

**Dust is
Ended
Generated by
Sandblasting**

**Anticorrosive
Stainless
Steel
Design**

SK 850I

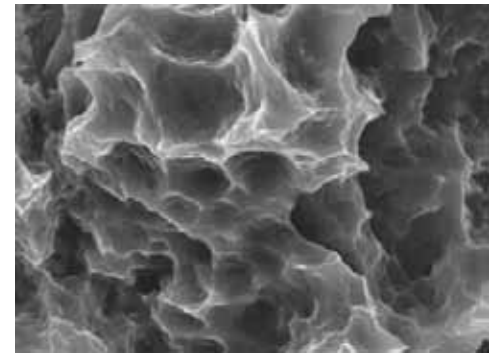
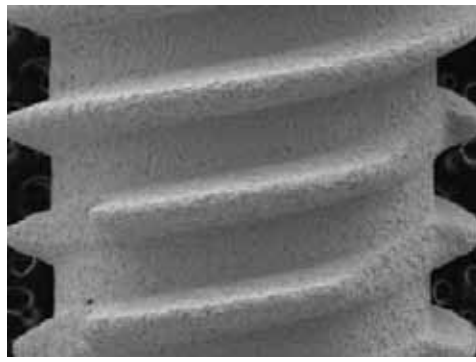
Automatic Implant Wet Blasting Machine



Standard Features

Explanation

• Sand Blasting Filter	JET PULSE System 1 Micron Teflon Cartridge - Automatic Timer, Self Cleaning - 1.1 Kwh Fan Motor With High Suction Power
• Sand Blasting Cabinet	Double Door - Laser Cut 850x800x800mm - Stainless Steel Design
• Electric panel	Coded to CE Norms, Motor Protected, Pressure and Phase Indicator
• Sand Blasting Nozzle	Boron Carbide Nozzle, 1500 Hours Operation Guarantee
• Sandblasting Gun	Stainless Steel Body, 1,2 m3/min Sand-air Mixture Blasting at 6 Bar, Custom Made Injector
• Lighting	2x18 watt Led Lighting
• Regulator	Adjusting Sandblasting Pressure
• Sight Glass	Stainless Protector - Panoramic
• Sandblasting System	Injection Sandblasting System - Adjustable Blasting Amount
• Electrostatic Paint	Ral 7035
• Gun Stabilization	Adjustable Spray Angles
• Sand And Dust Amount Gauge	Gauge at Cabinet Chamber and Dust Filter Chamber
• PLC Controlled, Touch Screen and Water Heating System	TFT 7" Screen, 3,5 kWh Resistant
• Cabinet Safety Package	Gate Switches, Solenoid Valve and Custom Made Panel



SANDBLASTING ABRASIVES USED IN SK 850I AUTOMATIC IMPLANT WET BLASTING MACHINE

TYPE	GRAIN FEATURES	PURPOSE OF USE
Aluminum Oxide	Hard, Angular	Roughening, Paint Removal
Glass Bead	Hard, Spherical	Finishing, Polishing
Silicon Carbide	Hard, Angular	Roughening, Paint Removal

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