

Rotenberg
integrated systems

ST200 Programmable Sand Blaster

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The ST200 system is an innovative solution for medical screws and dental implants texturing using abrasive media blasting.
The machine's operation is fully automated and programmable, using a friendly and easy-to-use touch screen interface.
With an intense and precise blasting, the machine gives excellent results, with minimal blasting material usage.
The machine's operation is very quiet and has an advanced air filtration system, which guarantees very clean and quiet operation. This makes the machine suitable, not only for industrial spaces, but for office spaces as well.



Features

- Fully automated operation.
- Fully programmable.
- Unlimited number of blasting programs.
- Economical and efficient blasting material usage.
- Very precise blasting.
- Quiet and clean operation.
- Small dimensions – minimal floor space.
- Easily adjustable blasting nozzles.
- Self cleaning filtration system.



Blasting
- Two micro blasting nozzles.
- 4 liters blasting media tank for each nozzle.
- Option for blasting two different materials one for each nozzle.
- Additional cleaning nozzle.
- Product diameter up to 8mm (can be changed if required).
- LED lit and sealed blasting chamber with replaceable protective plates.
- Capacity up to 2500 implants per day.

Filtration system
- Self cleaning filtration system that includes 2 replaceable cartridge filters and a sub micron HEPA filter. This kind of filtration system guarantees that the system exhaust air is cleaner, and in better quality, than the air in the machine's surrounding.

Control
- State of the art 3 axis closed loop servo control.
- 3 brushless servo motors with rapid speed up to 40m/min.
- Smart table magazine with up to 200 products.
- Fully programmable.

Programming
- Unlimited number of blasting programs.
- Standard G-Code programming language.

Control panel
- 15'' touch screen.
- Stainless steel keyboard.
- USB port for saving and loading external programs.
- Manual jog switch.
- 3-colors light tower.
- Bright LED lit working environment.

Safety
- Protective transparent doors with sensor.





Technical Specification

Air Supply
Pressure: 5-7 bar.

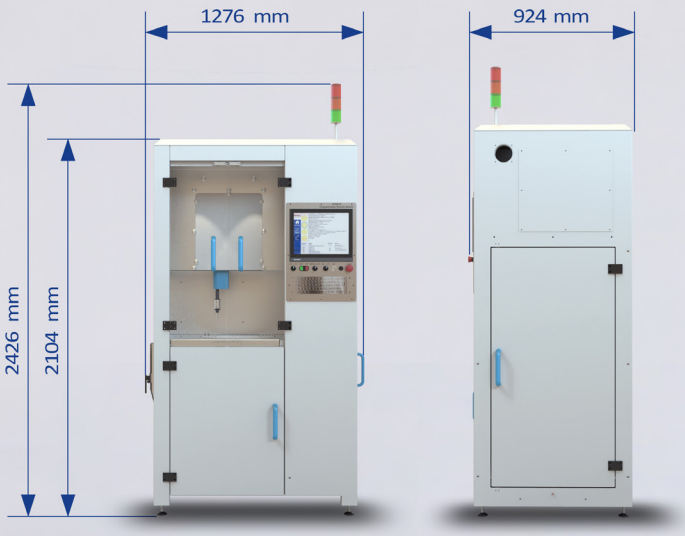
Quality
Dry Air.

Consumption
Approx 0.3m³/min.

Power
380VAC 3X16A.

Dimensions (WxHxD)
Approx 1276x2104x924 mm.

Weight
650 kg.



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