



**TECHNICAL SPECIFICATIONS OF ARI-550: 150 Liters/Cycle MEDICAL WASTE
STERILIZATION MACHINE MACHINES**

Model	ARI-550: 150 Liters/Cycle
1. Treatment method	Pre-shredder Type, Pressurized Steam Sterilization
2. Average Treatment Capacity	30 kg/h
3. Feed Hopper Volume	160 liters
4. Volume of Vessel's Shredded Waste Part (Under shredder)	105 liters
5. Waste Feed System	Manual Loading
6. Shredder Type and Power	2 shafts, 11 Kw, and 5000 N.m.
7. Feed & Discharge Lid Systems	Fully Automatic, With 2.2 Kw Vacuum Motor
8. Supporting Lock System for Feed Lid	Pneumatic, Fully Automatic
9. Duration of One Cycle	27-32 minutes
10. Sterilization Temperature	134-142 °C
11. Sterilization Vessel Heating Method	Pre-vacuum
12. Steam Generator Capacity (electrical)	55 kg / h
13. Water Supply Connection	1"
14. Water Consumption (average)	47 Liters/h
15. Power Connection	380 V, 50 Hz, 3-phase
16. Connected Power (including steam generator)	55 kW
17. Electricity Consumption	10.5 kw/cycle
18. Dimensions of complete system, cm (length x width x height) except elevator	200x130x150 including steam generator
19. Weight	1450 kg
20. Drying of Sterilized Waste	Vacuum mechanism with 2.2 kw vacuum motor
21. Sterile Waste Discharge	From the bottom door, with a specially designed stainless-steel box.
22. PLC, Automation System & Software	Schneider, Siemens, UMB
23. PLC Touchscreen Languages	English, Turkish, (extra language can be added if customer requests)