

ALAN®

Since 1997.....

ALTRASCAL

Ultrasonic Surgical Generator



Quality, Performance and Durability

www.alanindia.net

Features

Advanced Ultrasonic Energy Surgical System with High Performance

Universal Connector with Automatic Instrument Recognition

High-resolution 5" LCD display with wider viewing angles at a glance

Touch screen for easy setup, operation, and on-screen diagnostics

Intuitive Design, Compact, Lightweight and easy to carry in OR

Energy delivered via high-frequency vibrations of $\sim 55,000$ times per second

Minimal lateral thermal tissue damage, with Tissue Impedance Monitoring

High Performance



Ultrasonic Energy



Safe & Easy



Service & Care



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Technical Specifications

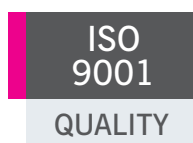
Main Fuses	T5AL 250 V (Time-delay, 5 Amp, Glass Body, 5x20mm Package size, Quantity-2)	
Degree of protection against electric shock	Type CF applied part consisting of the SECUTE® instrument	
Class of protection against electric shock	Class 1	
Ingress protection ALTRASCAL™ enclosure	IP 21	
Ingress protection ALTRASCAL™ footswitch	IP 68	
Display	5" LCD Touch Screen Display	
Main Input	88–285 V AC, 50/60 Hz, 450 VA	
Output	SECUTE® Output: 150 VAC RMS maximum 35 watts continuous, 55.5 kHz	
Ambient Operating Conditions	Temperature	10°C to 40°C
	Humidity	10% to 90% non-condensing
	Atmospheric Pressure Range	600 hPa to 1200 hPa
Transport and Storage Conditions	Temperature	-35°C to 54°C
	Humidity	10% to 95% non-condensing
	Atmospheric Pressure Range	600 hPa to 1200 hPa
Weight	Generator	Max. 4.5 kg
	Footswitch	Max. 1.5 kg
Overall Dimensions	Generator	335 mm X 395 mm X 160 mm
	Footswitch	350 mm X 175 mm X 65 mm

Warranty Overview

Manufacturer Warranty Coverage (covers repair and standby equipment costs)

Product	Warranty Duration
ALTRASCAL™ Generator and Power Cord	2 Years
Wireless ALTRASCAL™ Footswitch	2 Years
Hand Piece/ Transducer	12 Months/ 99 Usages (whichever earlier)

- Preventive maintenance and output verification not included.
- Wireless ALTRASCAL® Footswitch battery not covered under warranty.
- Warranty Ex-Works.



Ordering Information :

ASGEN01	ALTRASCAL® Generator
ASTHP01	ALTRASCAL® Transducer/ Hand Piece
ASO140S	SECUTE® Ultrasonic Shear for Open Surgery, 14 cm
ASO230S	SECUTE® Ultrasonic Shear for Open Surgery, 23 cm
ASL360S	SECUTE® Ultrasonic Shear for Laparoscopic Surgery, 36 cm
ASL450S	SECUTE® Ultrasonic Shear for Laparoscopic Surgery, 45 cm
3PWFS-A	Wireless ALTRASCAL® Footswitch



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