

ALTRASCAL

Ultrasonic Surgical Generator



Quality, Performance and Durability

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	88-265 VAC, 50/60 Hz, 600 VA MAX	
Output	SECUTE™ Output: 160 VAC RMS, Maximum 60 watts continuous, 55.5 kHz	
Ambient Operating Conditions	Temperature	+10° C to +40° C
	Humidity	30% to 75% non-condensing
	Atmospheric Pressure Range	700 millibars to 1060 millibars
Transport and Storage Conditions	Temperature	-30°C to +65°C
	Humidity	0% to 90% non-condensing
	Atmospheric Pressure Range	500 millibars to 1060 millibars
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/ 95 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
QUHP 35	ALTRASCAL™ Transducer / Handpiece
QUHS14S-H	SECUTE™ Ultrasonic Shear- 14cm, Disposable
QUHS23S-H	SECUTE™ Ultrasonic Shear- 23cm, Disposable
QUHS36S-H	SECUTE™ Ultrasonic Shear- 36cm, Disposable
QUHS45S-H	SECUTE™ Ultrasonic Shear- 45cm, Disposable
3PWFS-A	Wireless Magnetic Footswitch- 3 Pedal- ALTRASCAL™
2PWFS-A	Wireless Magnetic Footswitch- 2 Pedal- ALTRASCAL™



Manufactured by:

ALAN ELECTRONIC SYSTEMS PVT. LTD.

Factory & Head Office:

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