

H-DS1 Multifunctional Drill and Saw



H-DS1 multifunctional power system

With a comprehensive range of quick change attachments assembled in one full functional handpiece, afford surgeon a convenient option.



Technical data

SPECIFICATION	PARAMETERS
Bone drill speed	0-1300r/m
Cannulated drill speed	0-600r/m
Oscillating saw	0-18000osc/m
Acetabular bone drill	0-500r/m
Craniotomy drill	0-900r/m
Craniotomy mill	0-40000r/m
Sternum saw	0-15000osc/m
Saw non-load noise	≤75dB
Drill non-load noise	≤65dB
Diameter run-out	≤0.5mm
Oscillations	0-15000r/min
Bone drill speed	0-1300r/m

Main Technical Data

Item	Content	Specifications
Hand Piece	Working Voltage	14.4V
	Output Power	≥20W
	Unit rise in temperature	≤25°C
Charger	Input Voltage	AC 220V, 50Hz
	Output Power	14.4V, 900mA
	Input Power	30VA
Battery	Voltage	14.4V
	Charging time	About 3 hours

Application and Feature

Electric surgical drill & saw is one of power tools widely used in orthopedic operation. Gradually replaced traditional industrial drill and saw, it can be autoclaved up to 135°C high temperature and 1.6Mpa high pressure. Some of bacteria can be killed by high temperature and pressure, fumigating cannot do. Meanwhile, it can shorten sterilization time. Under high temperature and high pressure, just need 20 minutes, win the valuable time for the patient. The device is optional, good looking, small size, light weight, no wires, easy to carry, safe operation.

Composition

Battery operated surgical drill&saw is made of main hand piece, charger, battery. The whole outer skin of the hand piece is sealed. Charger is not a medical electric device.

Standard configuration

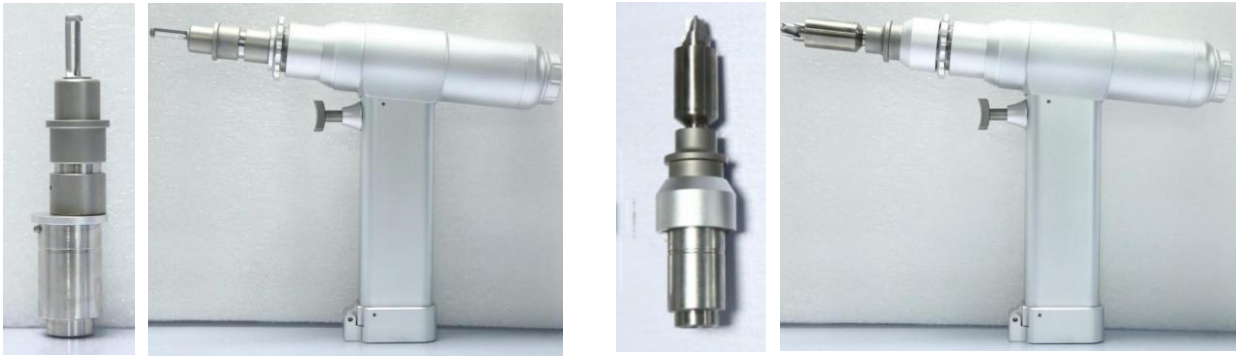
- One hand piece
- One cranial drill adapter
- One cranial mill adapter
- One bone drill adapter
- One oscillating saw adapter
- One canulate drill adapter
- One sternum saw adapter
- One reamer drill adapter
- One charger
- Two 14.4V batteries
- Two aspetic battery transfer rings
- Two sternum saw blades
- Two oscillating saw blades
- Three drill chuck keys
- Two cranial mill blades
- One Aluminum case



Handpiece



Cranial drill & mill adapters



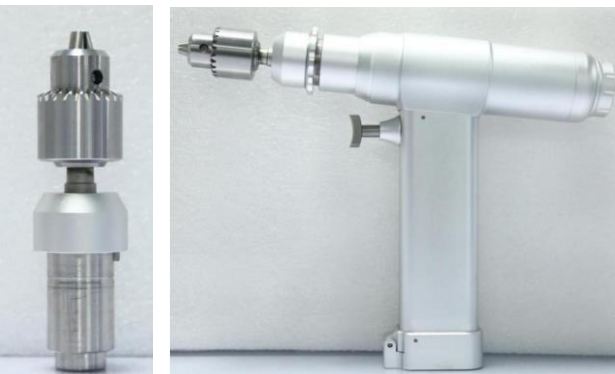
Oscillating saw adapters & reamer



Canulate drill adapters & sternum saw



Bone drill adapter



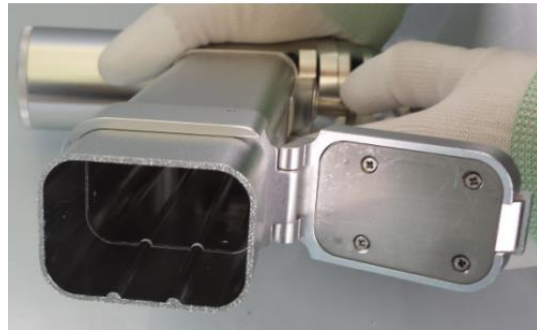
Battery of 14.4V



Charger



Aseptic battery transfer rings



Multifunctional sterilization case



Complete package

