Aesculap Power Systems
Acculan® 3Ti Sternum Saw

- Reliability
- Power
- Ergonomic design
Aesculap, one of the leading suppliers of surgical motor systems, provides intelligent solutions for each surgical discipline. Our philosophy is to develop well-designed systems to make everyday surgical work easier: for the surgeon during the operation, for the operating team and for staff in charge of handling and sterilization. With the Acculan® 3Ti, we have addressed this challenge in a completely new way.

This is a machine that will convince you from the first second you touch it. The sleek, ergonomic shaped handle has amazing balance allowing optimal guidance and perfect grip. You will feel the difference.

The robust titanium housing is virtually indestructible.

Experience it for yourself: Acculan® 3Ti is a high-performance motor system for intuitive operation, meeting the highest standards of reliability, durability, economic and environmental responsibility.
The principle: a non-sterile battery
Aesculap pioneered the use of non-sterile rechargeable batteries that never come into contact with the sterile external surfaces of the machine. Non-sterile batteries offer the advantages of a longer service life, support tight budgets and lower environmental impact.

Consequently, this design concept has now been widely accepted and emulated.

The difference is in the detail
Acculan® 3Ti avoids sterilization not only of the temperature-sensitive battery cells, but also of the equally vulnerable control electronics. This is accomplished by integrating the electronics into the battery itself...better for the equipment, better for your budget.

Also available as a large-bone orthopedic system, shown above.
Acculan® 3Ti Overview

- **Maximum power**
  The innovative motor and control concept offers the kind of performance previously found only in our pneumatic or cable-driven systems. The Acculan® 3Ti provides 250 watts of consistent power where you need it, when you need it.

- **Easy To Operate**
  The Acculan® 3Ti is easy to operate. The simple, safe trigger design allows for maximum control. It includes an intuitive saw blade coupling mechanism so saw blades are easily exchanged in the sterile field.

- **Automatic battery check**
  The battery charger automatically checks the condition of the battery after each charging cycle. It indicates when a battery shows declining performance and should be replaced.

- **Mechanical processing**
  With the ingenious ECCOS® storage system and the titanium shell, the Acculan® 3Ti is suitable for mechanical cleaning, even with alkaline cleaning media. And ECCOS® makes sure that the system is clearly organized for its sterile setup in the O.R.

- **Service label**
  Regular servicing is essential to ensure the reliability of motor systems over a long service life. The service labels clearly show when the next Aesculap service is due.

- **Intuitive operation**
  The interface between the titanium handpiece and the electronics within the battery, provides you with an audio signal that signifies that the system is ready for use.
Reliability
The non-sterile batteries last longer. Aesculap Technical Services can refurbish your old batteries for a fraction of the cost to replace them.

Low running costs
For the Acculan® 3Ti, we offer the replacement of spent batteries at an attractive fixed price. As the electronics and housing can still be used, this is a solution that is friendly to the environment and to your budget.

Titanium housing
The solid, robust design is built to last.

Ergonomic design
The system has an excellent feel with respect to balance and weight.
GA673 Oscillating Saw
Keyless rapid-action saw blade coupling:
Simply insert the saw blade – that's it! To release, just press the unlocking button and pull out the saw blade.

360° rotatable saw head for optimal access and visibility within the operating site

GA674 Reciprocating Saw
Keyless saw blade coupling
Application as a sternum saw (in combination with protection guide GB436R)

Efficiency, Energy and Intelligence
**GA677 Charger**

Intuitive, clear indicator lights

Automatic battery check

Charge status display

Electronically controlled charging power to avoid memory effect

Easy to exchange charging bay for compatibility with Acculan® predecessor system

**GA676 Rechargeable Battery**

Innovative battery changing concept – good for the environment, good for your budget, good for the battery
Ordering Information

- GA674* Reciprocating Saw
- GB436R Protection Guide for Sternotomy
- GA673* Oscillating Saw
- GA677 Charger
  If you intend to charge Acculan II batteries, please specify in your order how many Acculan II charging bays GA677830 are to be installed.

*All Acculan 3Ti machines are supplied with battery, lid and sterile funnel as standard accessories.
Accessories

GB600  Sterilit® Power Systems Oil Spray
GA675  Lid
GA676  NiMH Rechargeable Battery for GA673, GA674
GA678  Sterile Funnel
GA679  Battery Removal Device

GB243R  ECCOS® Set for 2 machines

GB244R  ECCOS® Set for 1 machine

ECCOS® tray is sold separately.
## Ordering Information

### Saw Blades

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<th>Item no.</th>
<th>Effective Length</th>
<th>Width</th>
<th>Cut Width</th>
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<td>GC671R</td>
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<td>0.9 mm</td>
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Blades (shown as actual size) for use with GA673.
Blades (shown as actual size)

<table>
<thead>
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<th>Item no.</th>
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<tbody>
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<td>1.3 mm</td>
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<tr>
<td>GC624R</td>
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For use with GB436R

For use with GA674