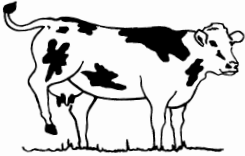


## RAU EASY FARMING



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## RAU- IMMOBILISER

The RAU IMMOBILISER has been developed after much scientific research. The machine is constructed from high quality electrical equipment. The immobiliser is used for electronic immobilisation of animals using a very low current. The immobilisation is not very stressful to the animals. To date, field trials have shown no negative effects on pregnant animals at any stage of pregnancy. The immobiliser has also been used successfully on horses and wildlife. The chief use of the immobiliser is for electronic restraint of cattle, especially during branding, dehorning, castration, hoof trimming and minor treatment procedures. The immobiliser can also be used to draw semen from sheep and goats. To draw semen from bulls, an additional probe (EJ 2000) is required.

The kit consists of a small electronic box (the power and control box) and a rectal probe. The probe is coupled to the PC unit by a thin robust cable. The machine is used by inserting the probe approximately two thirds into the rectum in such a manner that the tip of the probe makes contact with the femoral nerve. The machine is then switched on and the dial is adjusted to the required strength for whichever procedure is required. The animal's muscles will bunch up as the animal becomes immobilised. It will be found that it will no longer be necessary to hand control the inserted probe. Do not turn the volume to zero unless the probe has been removed from anus.

- For branding; a low current may be used so that the animal is adequately restrained.
- For working on the head, the dial can be turned towards maximum until the head is extended. If necessary the L/H switch may also be changed

from Low to High. It is recommended to insert the probe deeper than normal for more effective immobilisation when working on the head.

- For working on the hooves; the probe is again inserted deep to stimulate the femoral nerve on the same side that you wish to work. This results in the animal raising the leg into the air. The leg can then be manually raised even higher to the required position.

Notice: If the immobiliser is used on very young calves or small animals the probe must be inserted very shallow. When the animal start showing reaction the probe is inserted deep enough.

Although this machine has been tested under a variety of field conditions, differences in initial reactions does occur. You will gradually get to know your own machine settings through frequent use. However, it is advised that you observe the animal's reaction to see if you have the required effect rather than rely on fixed dial settings. Variations between animals, as well as the amount of rectal contact, need to be taken into consideration. If animals tend to collapse, Immobilisation should be done without the use of a Headgate.

**NB: Although this machine is able to immobilise an animal, it in no way releases the operator of the responsibility of providing adequate pain control. Also it should not be used for bigger surgical procedures where a local or general anaesthetic would under normal circumstances be required.**

### Maintenance Information:

The power pack is powered by a rechargeable sealed 12-volt battery capable of delivering 1,2 amps. A charging adapter for a vehicle cigarette lighter is provided. Both of these are inserted in to the top adapter plug. The adapter plug has a positive in the inner pole and a negative on the outer pole. Whilst the vehicle's engine is running, the vehicle charger should take about 6 hours to load the power pack. A battery charger (Rau 220/12 Volt charger) with a capacity of 1 amp will take about 5 hours to recharge the power pack. During charging, a green light will show that the battery is recharging. The probe cable is supplied with a male adaptor that is spring loaded to ensure a firm seating into the power pack. Remember: If the battery is flat, the immobiliser can still be used while charging it. The electronic brain is guaranteed for a period of 12 months against defects in manufacture.

1. Recharging is advised after a full days work.
2. If the machine is not in use, recharge the battery every two months.
3. Ensure that the animal waste is washed off the probe after use.