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SPE HAND PROBE

OPERATING INSTRUCTIONS



Owner's Manual

OPERATING INSTRUCTIONS

1. Make rectal examination of the bull noting any abnormalities and remove any excess feces.
2. Before the anal sphincter of the bull contracts, immediately grasp the electrode in the hand and insert the hand with the electrode in the rectum. Be sure there is no appreciable amount of feces between the ventral surface of the electrode and the ventral wall of the rectum.
3. With the tip of the index and second finger palpate the bulb of the prostate gland. Place the circular depression of the ventral surface of the electrode directly over this bulb, pressing down gently.
4. With Ejaculator set on minimum readings turn the power control clockwise until there is a slight contraction of the gluteal muscles of the bull and then back again. Repeat this process every 3 or 4 seconds increasing the stimulus each time if necessary to the point of developing a definite rhythmic contraction and relaxation. After 4 to 10 stimulations, the penis should be extended and become erect.
5. With the penis extended and erect, stop the stimuli long enough to reach over the anterior border of the electrode with the index and second finger and stroke the ampullae's once or twice in a posterior direction. This will usually produce some semen.
6. With the electrode in the original position or moved slightly interiorly one quarter to one-half inch, stimulate another contraction. This should produce a large squirt of very concentrated semen.
7. Repeat this process of massaging and stimulating until the desired volume of semen is obtained.

WARNING

USE ONLY WITH EJACULATORS OPERATING FROM A BATTERY POWER SOURCE!

The Standard Precision Electronics Ejaculator is always safe to use with this Hand Probe as it never uses 110 volt AC power. Ejaculators which operate from 110 volts use transformers as isolation devices. Shorts in the transformer windings can allow deadly electrical shorts to pass directly from the power line to any type probe. In the past, such shorts resulted only in the death of the animal. This hand held device places the person holding the probe in the same danger as only the animal was in the past. Plastic gloves are not adequate insulation as a small hole could allow passage of deadly electrical currents.

COMMENTS

Semen can be obtained very easily from most bulls by following the above directions. Extremely fat bulls are more difficult to ejaculate, and more power is usually required. A few other bulls require slight variations. If difficulty is experienced in getting the penis extended, the electrode is usually off center or is anterior or posterior to the desired location. Let the bull relax, reposition the electrode and start over again. It may be necessary to resort to trial and error, moving the electrode slightly interiorly or posterior until the desired results are obtained. After a little experience, one can usually tell by the muscular contractions produced whether or not the electrode is in the desired position to produce erection and extension of the penis.

Some bulls will start ejaculating shortly after stimulation is started, before they are massaged.

Where the maximum quantity and quality of semen is desired, before Ejaculation is attempted, it is better to build most bulls up to a good erection once or twice, waiting about 30 seconds between each buildup for relaxation. This seems to serve the same purpose as one or two false mounts when semen is to be collected with an artificial vagina.