



## **FEATURES**

- Clear LCD display
- Audible and visual alarms
- Lightweight and portable
- Microprocessor controlled
- Full range of electrodes available
- Membrane button operation
- Mains / battery powered (4 AA cells)
- Power limited output for operator safety
- Wipe clean control panel and case
- Auto shutdown
- Easy to use
- CE approved
- One year “back to base” warranty

Note: Due to ongoing technical developments, all stated information is typical and is subject to change without notice or obligation

## **AFTER SALES SERVICE / TECHNICAL SUPPORT**

All Buckleys products are manufactured under the controls established by a quality management system that meets the requirements of BS EN ISO 9001:2008 and are supplied with a one year “back-to-base” warranty. The equipment is proven to be robust and reliable and will give years of service if maintained in accordance with our instructions.

Annual re-calibration is recommended for the DTU6 tester. Buckleys provide full repair and calibration facilities offering a fast turn-around service for customers equipment.

Advice on specific applications for all Buckleys products is available from our technical department. Contact us by telephoning, sending a fax or by e-mail using the contact details below.

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**The Buckleys DTU6 is a non-destructive insulation tester for diathermy instruments which can reduce the unnecessary disposal of diathermy equipment and increase safety for surgeons and patients.**

The DTU6 can detect the slightest break in the insulation of a diathermy instrument. Such a break can be very difficult and time consuming to detect visually, yet may be sufficient to give a patient serious burns or the surgeon a distracting shock. The DTU6 can be used thousands of times per year, bringing down the cost of testing diathermy instruments and saving hospitals considerable cash drain by eliminating the unnecessary disposal and replacement of non-faulty instruments.

The DTU6 is fully portable and lightweight. Its microprocessor-based design incorporates output voltage supervision and output power limiting for increased operator safety. The DTU6 is mains adaptor or battery powered.

Simple to set up and operate, the DTU6 indicates insulation faults by means of an audible alarm and high visibility red LED.

The diathermy instrument is simply passed through an electrode with the whole operation taking no more than a few seconds. Alternative electrodes are available for minimally invasive devices, forceps and cables.

## **TECHNICAL SPECIFICATION**

- Adjustable output voltage: 0.5kV – 6kV DC (Adjustable in 10-volt steps)
- Maximum continuous current: <150µA
- Automatic alarm sensitivity
- Operating time: 10 hours at full output no load
- Meter accuracy: +-1% plus one digit
- Battery (4 AA) or mains powered via adaptor
- Weight (unit only): 900 grams
- Dimensions (unit only): 22.8cm wide x 7.6cm high x 21.6cm deep
- Packed weight: 2.1Kg
- Dimensions (packed): 30cm x 30cm x 37cm