

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.



FEATURES

- Clear LCD display
- Audible and visual alarms
- Lightweight and portable
- Microprocessor controlled
- Aluminium carry case and foam insert
- Includes Brush Electrode, Round Electrode, V-Electrode and Straight Brush Body Electrode
- 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

TECHNICAL SPECIFICATIONS

- 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
- Powered by 4xAA batteries or via mains adaptor
- Weight (unit only): 900 grams
- Dimensions (unit only): 22.8cm x 7.6cm x 21.6cm
- Packed weight: 6Kg
- Dimensions (packed): 51cm x 44cm x 23cm

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 9001:2015 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.

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 telephone or e-mail using the contact details below.

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. Additional electrodes are available for minimally invasive devices, forceps and cables.

ACCESSORIES AVAILABLE



Bipolar Lead
5700-0788



1m Earth Lead
Hospital Unit
6005-0370



1m Test
Lead
6005-0372



1m Diathermy Lead
6005-0371



Y-Lead
5820-0059

WARNING: Individuals fitted with a pacemaker, cochlear implant, or trans-dermal electronic implant - e.g. glucose monitor, should not operate or use our high-voltage test equipment.

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