

DCCT Pro2 mains powered testers are ideal for the rapid and effective testing of porosity in non-conductive coatings. Incorporating a resettable high-speed counter, they are specifically designed for use within automated production processes.



Used extensively in the manufacturing industry for checking cables, plastic sheets, battery cases, moulded components, and non-conductive coatings on steel pipes, DCCT Pro2 units can be programmed to the output voltage, sensitivity, and timing parameters of your choice.

The Unit comprises a user interface, with front panel High Voltage on/off button, interlock input, and one no-volt change-over relay output.

The instrument is built into a compact and robust aluminium case and provides a means of remotely operating Buckleys DCCT Pro2 Output modules.

Up to 4 output modules can be controlled simultaneously, these can be single or dual channel units to suit the installation. The units are connected by a low voltage 4-wire network cable. Cable and connectors are available from Buckleys.

Buckleys design and supply custom electrodes to suit your application – please contact us with your requirements.

Features

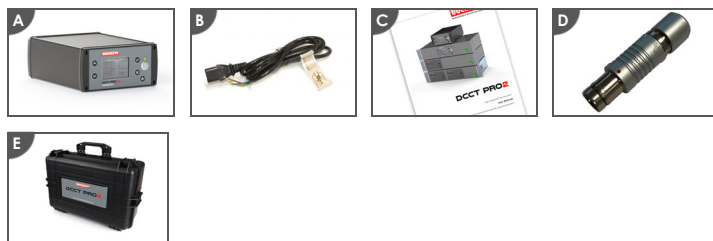
- Robust metal case.
- Digital control allows easy setting of output voltage, sensitivity, and timing parameters
- Clear legible display indicates output voltage and current
- Multicolour backlight displays HV live and alarm status
- Resettable high-speed counters
- Visual and audible alarms
- Suitable for in-process testing at a wide range of speeds
- Can be integrated into automated testing for discrete items
- Conforms with BS EN 62230 (formerly BS 5099)
- UKCA & CE Approved

Specifications

- Mains supply voltage: 90-250VAC (via IEC C13 "kettle plug" lead)
- Output voltage range: 0.9kV – 40kV
- Max. output current: <1mA (continuous)
- Alarm sensitivity range: 10µA to 450µA (factory-set to 200µA)
- Weight (unit): 1.8kg
- Weight (packed): 9.7kg
- Dimensions (unit): 175 x 221 x 85mm
- Dimensions (packed): 580 x 440 x 240mm
- Meter accuracy: <10kV: +/- 10V. >=10kV +/- 100V
- Current meter FSD: 450µA
- Maximum relative humidity: 80% non-condensing
- Working altitude: <2000m
- Temperature range: 0°C - +40°C

Kit includes

Item	Description
A	DCCT Pro2 Command+ Module (5700-0376)
B	Mains power lead (6005-0077)
C	User manual (5830-0063)
D	Network termination plug (6005-0497)
E	DCCT Pro2 Carry Case (5005-0139)



All parts available separately as accessories or spares.

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. Annual re-calibration is recommended. 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.

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