



TEST EQUIPMENT RENTAL SERVICES

When you rent Test Equipment from TDC, we want you to know that you will have a dedicated personal service from start to finish. Our Customer Service team is here to support you throughout your rental period.

TDC are independent specialists promoting all high quality manufacturers and instrument types. Equipment can be delivered Next Day or Same Day to suit your requirements.

When you are finished, simply contact us to arrange your equipment collection or alternatively you can despatch it back to us – we make it easy.

RENTING FROM TDC JUST MAKES SENSE

By using TDC Test Equipment Rental Solutions, you benefit from our extensive rental inventory that is second to none. We constantly refresh our equipment range with branded equipment manufacturers such as Megger, FLUKE, Chauvin Arnoux, OMICRON, FLIR, b2 HVA, Agilent Technologies, Dranetz BMI, Fujikura, JDSU, Ametek Jofra, GE DRUCK, RAE Systems, TSI Airflow, Rohde & Schwarz, NORBAR, PANAMETRICS, Tektronix and many more.

You can utilise our rental equipment to suit your own requirements, from one week to as many months as you need. You only pay for what you use down to the day. Renting with TDC is straightforward and easy. Our expert Sales and Applications Engineers will find the best solution to suit your application.

Delivery & Collection is arranged by us - we make it hassle free and easy.

TDC 6 POINT RENTAL GUARANTEE - OUR REPUTATION MATTERS



1 SAME DAY DISPATCH

Many of our customers operate to very strict deadlines. Providing the order is placed and confirmed before 3pm, your equipment will be despatched the same day.



2 QUALITY

All Equipment is checked prior to dispatch to ensure it is servicable and in safe working order. Certification checks are standard.



3 SUPPORT

We will provide you with enough information to make an informed choice of the correct equipment required for your application.



4 PRICE

We offer a simple price match promise. We'll match any genuine competitor quote.



5 CUSTOMER SERVICE

We can promise that throughout your rental period, we will do our utmost to provide you with the best customer service. All information we provide is in good faith and free of charge. We will provide a quote for any consultancy or professional advice that may be required.



6 REPUTATION

We know we are only as good as our last job. We don't just want regular customers - we want to build loyal customers.



For all enquiries, please contact: Gordon Thow (Test Equipment Rental Manager)

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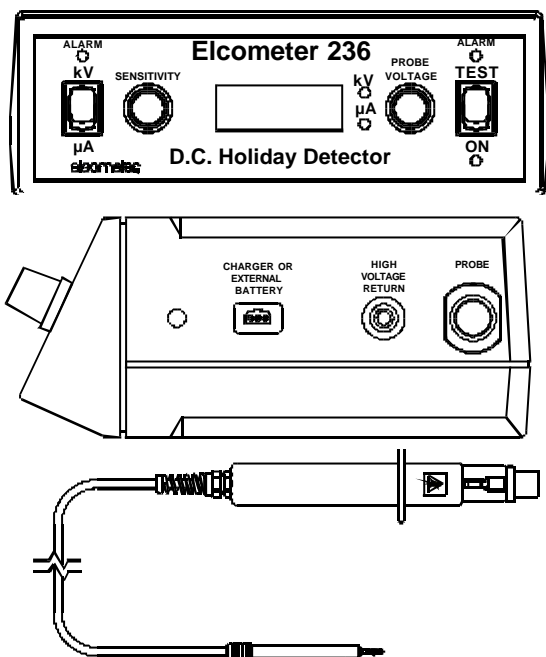
elcometer®



TEST EQUIPMENT RENTAL SERVICES

236 Holiday Detector

Datasheet



Elcometer 236 DC Portable Holiday Detector

The Elcometer 236 uses a high voltage technique to locate flaws in insulating coatings on conductive substrates.

A power supply generates a high DC voltage which is supplied to a suitable probe. As the probe is passed over the coated surface, a flaw is indicated by audible and visual alarms in the detector and probe handle. No damage should occur due to the low current capacity.

The Elcometer 236 is ideal instrument to use when testing:

- Insulating coating on oil, gas and water pipelines made from metal or concrete.
- Bitumen or epoxy on concrete eg. storage tanks, water and sewage treatment facilities.
- Flexible membranes on concrete bridge decks
- Vitreous enamel on steel eg. chemical reactors or storage tanks
- High voltage testing of insulation

The sensitivity can be adjusted to ignore stray current flow so that only the flaws are detected.

FEATURES

- Low Weight 1.8Kg (4lb)
- Robust and fully portable
- Padded canvas carry case
- Digital display of output voltage and current
- Additional rechargeable battery option
- Hard-backed transit case
- Audio and visual alarms
- Simple to use
- Adjustable sensitivity
- Full set of probe options

SPECIFICATION

	236 15kV	236 30kV
Accuracy of voltage setting	±5% or ±0.2kV	
Display resolution	0.01kV	0.1kV
Voltage Output	0.5 to 15kV	0.5 to 30kV
Alarms	Audio and Visual	
Power Supply	NimH 12V rechargeable battery 10/12 hours continuous use	
Unit Dimensions	200 x 170 x 70mm (8" x 7" x 3")	
Product Weight	2.8Kg (6lb 3oz) including carry case and probe.	

PART NUMBERS

D236--15A Elcometer 236 1-15kV Portable DC Holiday Detector, UK 230V Charger
D236--15B Elcometer 236 1-15kV Portable DC Holiday Detector, Euro 230V Charger
D236--15D Elcometer 236 1-15kV Portable DC Holiday Detector, US 110V Charger (non CE model)

D236--30A Elcometer 236 2-30kV Portable DC Holiday Detector, UK 230V Charger
D236--30B Elcometer 236 2-30kV Portable DC Holiday Detector, Euro 230V Charger
D236--30D Elcometer 236 2-30kV Portable DC Holiday Detector, US 110V Charger (non CE model)



Spares

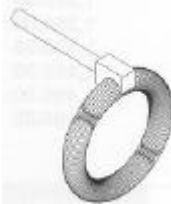
T23613907 UK Charger
T23613908 Euro Charger
T23613909 US Charger
T23615550 External Battery Pack c/w Case

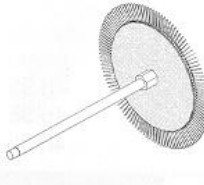
Shipping List:


Elcometer 236, probe and lead, band brush probe, 2m and 10m signal return/earth lead, battery charger, carry case, packing case and instruction manual.

ELCOMETER 236 ACCESSORIES

RIGHT-ANGLE PROBE			EXTENSION PIECES		
 <p>For large surface areas. Available in different widths, with conductive rubber strip for soft coatings or phosphor bronze wire for medium to hard coatings.</p>	PART NUMBERS		 <p>To extend the probe for applications in which a long reach is required. 250mm, 500mm and 1000mm lengths can be coupled together.</p>	PART NUMBERS	
	Right Angle Brush Assemblies			Probe Extension Pieces	
	T23638071	250mm		T2362663A	250mm
	T23638072	500mm		T2362663B	500mm
	T23638073	1000mm		T2362663C	1000mm
	Spare Brush Electrodes				
	T23626621	250mm		T2362666-	Coupling
	T23626622	500mm		T2362669-	Band Brush Probe
	T23626623	1000mm			
	Right Angle Rubber Assemblies				
T23638081	250mm				
T23638082	500mm				
T23638083	1000mm				
Spare Rubber Electrodes					
T23626731	250mm				
T23626732	500mm				
T23626733	1000mm				

ROLLING SPRING PROBE					
 <p>For external pipe surface 50 to 1000mm (2 to 36") in diameter. Spring is made from phosphor bronze.</p>	Diameter		Full Assembly	Spring Only	<p>The Full Assembly includes spring, holder and 250mm extension piece.</p> <p>All springs will fit to the same spring holder and are fully interchangeable.</p> <p>Spare Spring Holders can be purchased, part number T2362645-</p>
	inches	mm	Part Number	Part Number	
	2	50	T2362649A	T2366197A	
	3	75	T2362649B	T2366197B	
	4	100	T2362649C	T2366197C	
	6	150	T2362649D	T2366197D	
	8	200	T2362649E	T2366197E	
	10	250	T2362649F	T2366197F	
	12	300	T2362649G	T2366197G	
	14	350	T2362649H	T2366197H	
	16	400	T2362649I	T2366197I	
	18	450	T2362649J	T2366197J	
	20	500	T2362649K	T2366197K	
	24	600	T2362649L	T2366197L	
	30	750	T2362649M	T2366197M	
	36	1000	T2362649N	T2366197N	

CIRCULAR BRUSH PROBE							
 <p>For inside pipes, 40 to 300mm (1.5 to 12") diameter, (used with extension pieces).</p>	Diameter		Full Assembly	Alpha Code	Brush Only	Alpha Code	<p>The Full Assembly includes brush, holder and 250mm extension piece.</p> <p>Important note: All brushes will not fit to the same holder. Only those with the <u>same</u> alpha code are interchangeable.</p>
	inches	mm	Part Number		Part Number		
	1.5	38	T2363607A	A	T2363766-	A	
	2.0	51	T2363607B	A	T2363767-	A	
	2.5	64	T2363607C	B	T2363768-	B	
	3.0	76	T2363607D	B	T2363769-	B	
	3.5	89	T2363607E	B	T2363770-	B	
	4.0	102	T2363607F	B	T2363771-	B	
	4.5	114	T2363607G	B	T2363772-	B	
	5.0	127	T2363607H	B	T2363773-	B	
	6.0	152	T2363607I	B	T2363774-	B	
	8.0	203	T2363607J	C	T2363775-	C	
	10.0	254	T2363607K	C	T2363776-	C	
12.0	305	T2363607L	C	T2363777-	C		

TELESCOPIC PROBE HANDLE		
	Glass fibre, fully insulated behind the ring, designed to allow the user to reach high areas from the ground or a platform. Using a simple twist and lock procedure the user can extend the handle to any length between the minimum and maximum lengths.	T236155971 0.6 – 1.2m Telescopic Probe Handle T236155972 1.8 – 3.6 Telescopic Probe Handle



AC/DC Motors & Generators



Electrical Engineering



Mechanical Engineering



Condition Monitoring



Precision Machining



Marine Electronics



Elec & Mech Product Supply



Calibration and Rental Services



Quality Coatings



Transformers



Control Panels



Compressors



Auxiliary Power Systems

To differentiate our organisation in order to achieve continuous, sustainable growth, TDC endeavours to fully understand and exceed the expectations of our customers, and to work proactively to deliver **Engineering Excellence.**



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