



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)

t: +44 (0)1224 710077 | e: gordon.thow@tdcaberdeen.co.uk | w: www.TDCaberdeen.co.uk

a: TDC Aberdeen Ltd | Bankhead Industrial Estate | Bankhead Avenue | Bucksburn | Aberdeen | AB21 9ET



TEST EQUIPMENT RENTAL SERVICES

CA1110 Lux Meter Logger

Datasheet

C.A 1110 Logger Luxmeter



Measure lighting at any time

Spectral error compensation on LED or FLUO sources

MAP mode

Min, Max, Average and Hold functions

Spot or continuous recording up to 1 million points



Data Logger Transfer
Automatic report generation



Measure up



C.A 1110 Logger Luxmeter

Measurement ranges	0.1 lx to 200,000 lx (lux)	0.01 fc to 18,580 fc
Resolution	0.1 lx (0.1 lx to 999.9 lx) 1 lx (1 000 lx to 9,999 lx) 10 lx (10,000 lx to 99.99 klx) 100 lx beyond	0.01 fc (0.01 fc to 99.99 fc) 0.1 fc (100.0 fc to 999.9 fc) 1 fc (1,000 to 9.999 fc) 10 fc beyond

METROLOGICAL SPECIFICATIONS

Intrinsic uncertainty for measurement in lux	Class C luxmeter as per the NF C 42-710 standard	Mode with compensation
	± 3% of reading on incandescent sources (by default) ± 6% of reading on LEDs (3,000 K to 6,000 K) ± 9% of reading on fluorescent sources	LED mode: ± 4% of reading (at 4,000 K) Fluo mode: ± 4% of reading (type F11, 4,000 K)

FUNCTIONS

Recording	Manual start/stop on the product Short press for MEM: spot recording / Long press for REC: recording at the rate of the current mode Programmed recording Start date, recording interval (from 1 minute to 2 hours) and end date are defined using the PC software
Data storage	More than 1 million points
Min-Avg-Max-Hold	Yes
MAP mode	The MAP function can be used to map the lighting on a surface or in a room. In this way, the lighting measurements are saved in the same file.
Units	lx or fc
Backlighting	Yes
Automatic power-off	Yes (configurable)

POWER SUPPLY

Type	3 x 1.5 V AA / LR6 alkaline batteries Connection to the mains possible with the mains / micro-USB adapter offered as an accessory
Battery life	500 hrs (portable mode) / 3 years of recording (15-minute measurement interval)

PHYSICAL SPECIFICATIONS

Interfaces	2 possible communication modes: Bluetooth wireless link and USB
Mounting	Casing equipped with a magnet, a wall-mount system and a slot for suspending the product Compatible with the Multifix accessory
Dimensions / weight	Casing: 150 x 72 x 32 mm / Sensor: 67 x 64 x 35 mm / 345 g with batteries
Ingress protection	IP50
Product operating range	Temperature: -10 to +60 °C / Humidity: 0 to 90 %RH
Compliance	IEC61010-1 / IEC 61326-1 / Class C luxmeter as per the French NF C 42-710 standard based on the CIE guidelines

GENERAL SPECIFICATIONS

Data Logger Transfer Windows PC software functions	Display as a graph or a table of values / Data export in graph or Excel table form Real-time mode / Automatic report generation in Word format / Data format compatible with the Dataview software offered as an accessory
Warranty	2 years

Accessories / Replacement Parts

Shockproof sheath + Multifix	P01654252
Multifix	P01102100Z
Mains adapter	P01651023
Bag	P01298075
Metal case	P01298071
Dataview software	P01102095
BLE Bluetooth modem / USB for PC	P01654253
4x AA/LR6 NiMH Batteries + Battery charger	HX0053

Standard state at delivery:

Bag, 3 x 1.5 V AA alkaline batteries, USB cable, test report and quick start-up guide (complete manual and Data Logger Transfer software available from the Chauvin Arnoux website)



TO ORDER

C.A 1110 Logger Luxmeter
..... P01654110



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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