

Model **AE-710D** Leak Current Checker

For the Measuring and Judging the leak current
of electrolytic capacitor at high speed

- Measuring Range: 0.0nA ~ 299.99mA
- Available to make Contact-Check in case of 2 Terminal Measurement.
- Series Protection Resistor: Built-in[1k Ω]/Available to have External Series Protection Resistor.
- Measuring Time: About(3msec.+Mmsec.+Contact-Check Time).[Available to set M:1 ~ 180msec.]
- Timer: 000.00 ~ 999.99sec.
- Built-in Digital Comparator.
- Option: GP-IB /RS-232C/ Centronics Interface/ BCD-Parallel Output.



AEMIC CORPORATION,

model **AE-710D** Leak Current Checker for Electrolytic Capacitor

SPECIFICATIONS

Measuring range and Accuracy (at 23°C±5°C) :

Range	Measuring range	Resolution	Accuracy	Display
3 μ A	0. 0nA~2999. 9nA	100pA	within $\pm 0.1\%$ of rdg ± 5 digits [Measuring time : AC1]	-999~29999
30 μ A	0. 000 μ A~29. 999 μ A	1nA		
300 μ A	0. 00 μ A~299. 99 μ A	10nA		
3mA	0. 0 μ A~2999. 9 μ A	100nA		
30mA	0. 000mA~29. 999mA	1 μ A		
300mA	0. 00mA~299. 99mA	10 μ A		

Measuring time :	Free running mode] Slow: about 3times/sec.~5times/sec. Fast: about 5times/sec.~10times/sec. [Remote start mode] about(3+Mmsec. +Contact Check Time) Mfast : Available to set 1~99msec. or AC1 Mslow : Available to set AC1~AC9 [ACn : Power Line Freq. 60Hz=16.7msec. $\times$ n (50Hz=16.7msec. $\times$ n)]
Comparator setting range :	0000~29999[both for the upper and lower limit]
Indication comparator's comparison result :	LO/GO/HI, LED display and buzzer.
Control signal :	input: START "L"[0V]→"H"[DC12V]⇒start HOLD open or "H"[DC12V]⇒free run / "L"[0V]⇒hold output: LO/GO/HI, CONT-E and EOC/ open collector[40V/100mA max.]
Operation condition :	【Temp.】 5°C~+50°C、【Humidity】 below 85%
Outer dimension :	333(W)×99(H)×300(D)mm [excluding protruding parts such as rubber legs, etc.]
Weight :	about 2.7kg
Power supply :	AC85V~265V、50~60Hz、about 20VA
Option :	RS-232C Interface
[Only one kind of interface can be provided with the checker]	GP-IB Interface Printer output[8 bit parallel Centronics]

O p t i o n	● RS-232C	Only one kind of interface can be provided with the checker.
	● GP-IB	
	● Printer output[Centronics]	
	● BCD Parallel Output	
	● Printer Cable	

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