CC-1012M

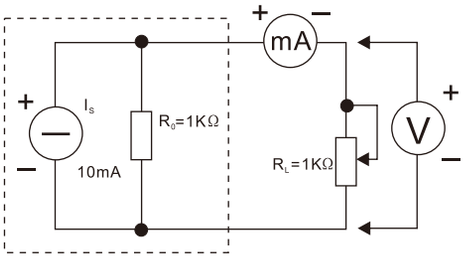
CE NEW

Purposes

For some experiment of electronic, a current source is essential. Below there are two samples:

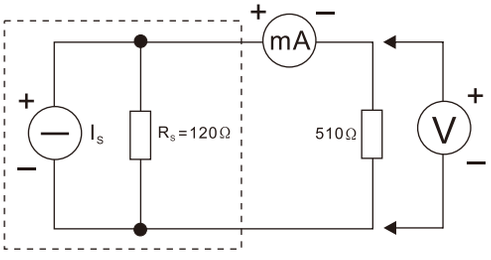
1.Measure the external characteristics of the current source

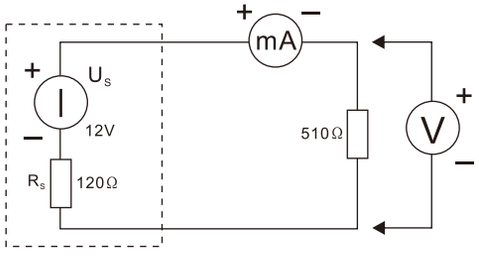
Adjust the dc current source output to 10mA, set R_0 to 1K ohm and ∞respectively, and adjust potentiometer R_L (from 0 to 1K ohm), then measure several pair the voltmeter and ammeter readings and verify the external characteristics.



2.Determine the conditions of equivalent transformation of power source

Record the voltmeter and ammeter values of the voltage source circuit. Adjust the output current I_S of the current source to make the readings of the two meters equal to the recorded values and verify the correctness of equivalent transformation conditions.





Features

. Constant current output
. Continuously adjustable output current
. high stability 0.01%
. Open circuit and over voltage protection
. 3 1/2 digit LCD current meter with backlight
. Compact, light and safety

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Specifications

. Output current:	0~10mA
. Max. Voltage:	12V
. Resolution:	10uA
. Load regulation:	0.01%
. Line regulation:	0.01%
. Display:	3 1/2 digits LCD with back light
. Display accuracy:	±1 digit
. Input voltage:	110V or 220VAC ±10%, 50H or 60Hz
. Dimension:	115(W) x 100(H) x 130(D) mm
. Weight:	0.6kg