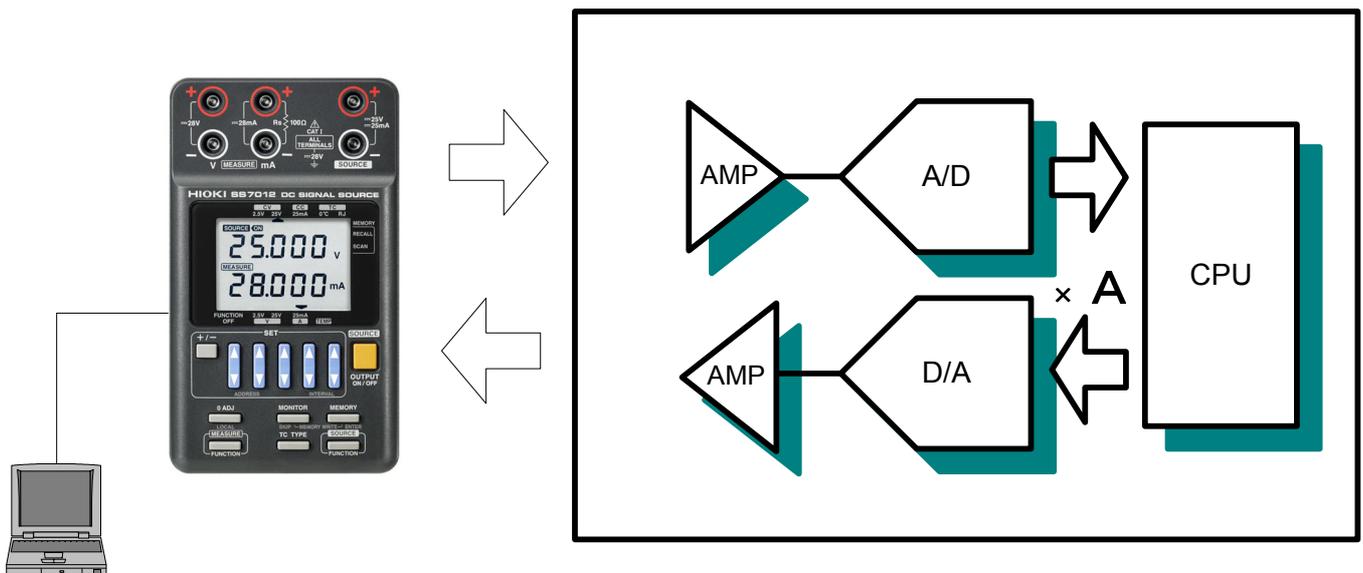


Evaluation of A/D Converter → D/A Converter

Check the operation of A/D converter to D/A converter.

■ Highlights

- Use the SS7012 DC Signal Source as an input signal source for the A/D converter → D/A converter system is used in an electronic circuit and at the same time as a measuring instrument to measure output voltage (current). Since generation and measurement are isolated, there is no interference between input and output.
- Use the SS7012 DC Signal Source as a source of signals of up to ± 25 V and ± 25 mA and at the same time measure the output of up to ± 28 V and ± 28 mA. The minimum resolution of generation and measurement is both $100 \mu\text{V}$ and $1 \mu\text{A}$.
- The SS7012 is powered by batteries (Ni-MH or alkaline) or an AC adapter.



DC SIGNAL SOURCE SS7012

Evaluation circuit of A/D Converter → D/A Converter

Add an output of the SS7012 DC Signal Source to the A/D converter → D/A converter evaluation circuit and confirm the return of the designed output (e.g., A-fold output). PC sample software is available from the HIOKI website.

Products used

DC SIGNAL SOURCE SS7012
 AC ADAPTER (US) 9445-02
 AC ADAPTER (EU) 9445-03
 COMMUNICATION PACKAGE SS9000
 RJ SENSOR 9184