Highly Accurate Voltage/Gurrent Source and Measurement Unit

GS820/GS610/7651

Generation and measurement of voltage and current are essential to evaluating fundamental electric parameters. This is especially true in the field of semiconductors and electronic parts, in the field of mechatronics, and in the research of leading-edge technology, where highly accurate, high-speed, and convenient source and measurement devices are demanded. The DC voltage/current source measure units by YOKOGAWA are new products that meet these demands. They function not only as fundamental voltage/current sources and DC parametric testers, but also as arbitrary waveform generators and electronic loads.

2 channels

GS320

Source Measure Unit

±18 V, ±1.2 A ±7 V, ±3.2 A

With measurement features High test speed



Wide range

Low noise

7/65511

Programmable DC Source

±32 V, ±120 mA Source features only

GS510

Source Measure Unit

±110 V, ±0.5 A ±12 V, ±3.2 A

With measurement features

Popular Applications

- DC voltage and current reference
- Pulse voltage and current source

Source/Measured

- DC parametric test
- Delivery inspection
- Arbitrary waveform generator
 - Electronic load

Easy Programming

Your PC recognizes the GS820/610 internal memory as a USB mass storage device. This easy access to the internal memory facilitates the programming of source data, the acquisition of measured data, and the graphing of V-I curves. Programmability as well as V-I curve tracing and arbitrary waveform generation features have improved drastically.

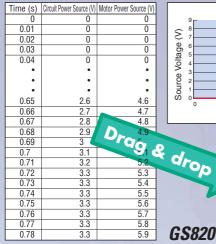


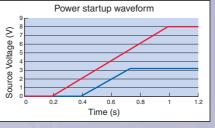
Drag & Drop

LF 7656-30E

Applications

Operation testing when multiple power sources are turned on

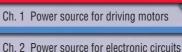




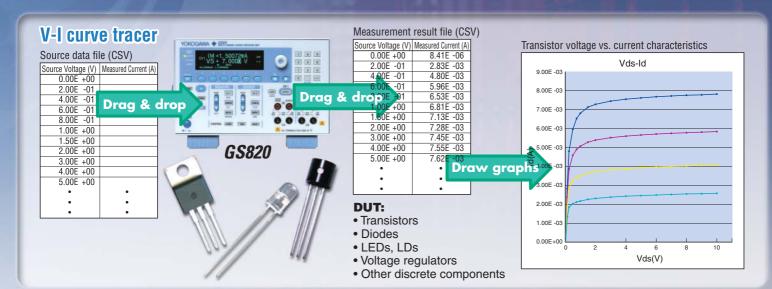
DUT:

- Disk drives (HDD, DVD, and CD)
- Digital cameras
- Video cameras
- PDAs
- Multifunctional LSIs
- Other electronic circuits

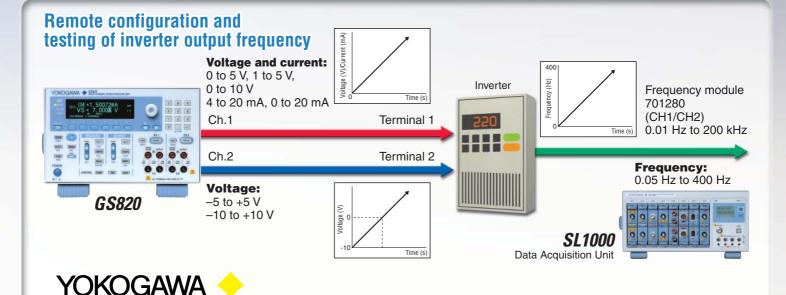




Hard disk drive (HDD)



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