TECHNICAL DATA

5725A Amplifier

Key features

- Voltage current amplifier extends AC output capability, supporting frequencies up to 100 kHz at 750 V and 30 kHz at 1100 V.
- Delivers higher load-driving capability, with up to 70 mA above 5 kHz and 50 mA below 5 kHz, ensuring reliable operation across a wide range of test conditions.
- Increases capacitive load handling to 1000 pF, supporting calibration of complex, high-impedance devices.
- Integrates with 5700A Series calibrators, with control enabled through a dedicated interface cable for streamlined operation.

Product overview: 5725A Amplifier

Voltage output from the 5725A is available at the 5700A Series Calibrators' front or rear binding posts. This eliminates the need to move cables during a procedure that requires amplified as well as standard calibrator outputs.

The 5725A front or rear panel OUTPUT binding posts are only for current output. Extended-range ac and dc current is supplied through them. Since most meters with a high current range use a separate high current input terminal, this configuration normally eliminates the need to move cables during a procedure. If a single-point current output is needed, the 5700A Series Calibrator can be configured to source all current outputs through the 5725A binding posts.

Model 5725A operating functions and ranges:

- AC voltage: 220 V to 1100 V rms up to 70 mA (50 mA < 5 kHz), 40 Hz to 30 kHz; 220 to 750V rms up to 70 mA, 30 kHz to 100 kHz
- DC current: 0 A to ±11 A
- AC current: 1 A to 11 A rms, 40 Hz to 10 kHz

Ordering information

5725A

Amplifier

Part#: 0

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