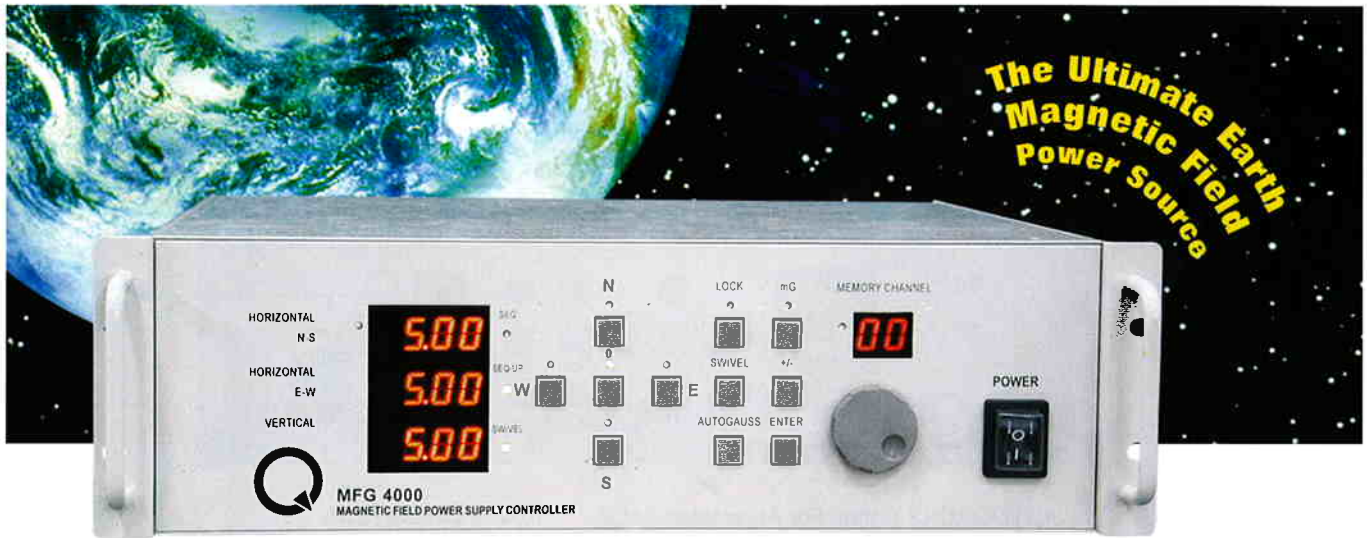


MFG-4000 PROGRAMMABLE MAGNETIC FIELD POWER SUPPLY CONTROLLER



MFG4000 technology is a quantum leap over conventional magnetic field power supply controller. It uses both proven and new technology to set new benchmark in reliability and user productivity. Up to 100 sets of territorial magnetic field information can be stored on MFG4000. The unit is very easy to operate from the front panel, or from remote controller, via RS232C or CAN bus. CAN bus is particularly recommended for use in harsh electrical environment in the factory.

The 3 large LED displays provide real time measurement of either current or gauss reading with an intergrated 3 axis smart magnetometer. Automated setup is made hassle free, by one press on the "AUTOGAUSS" button on the front panel. Using state-of-the-art PWM technology, the three modular power supplies deliver high power rating, with reliability, power efficiency and compact size unparalleled by conventional linear power supply.

Key Features: **MFG-4000**

- The MFG4000 is a **microprocessor controlled** precision magnetic field power source that has robust "CAN Bus" remote control capability and a unique "AUTOGAUSS" setup feature.
- **Control knob** on the front panel gives user superior control over programming of current, gauss and parameter setting.
- A **single button switch** on the front panel allows user to toggle between reading current or gauss on the LED display.
- **Modular switched-mode power supply design** brings unmatched reliability and affords user greater dependability.
- Direct plug-in optional **3 axis smart magnetometer** has fast response and high resolution, the ultimate 3 axis magnetometer for automated setup.
- **Extended range** of both voltage and current outputs ensure maximum magnetic field capability for the widest range of coil impedance.

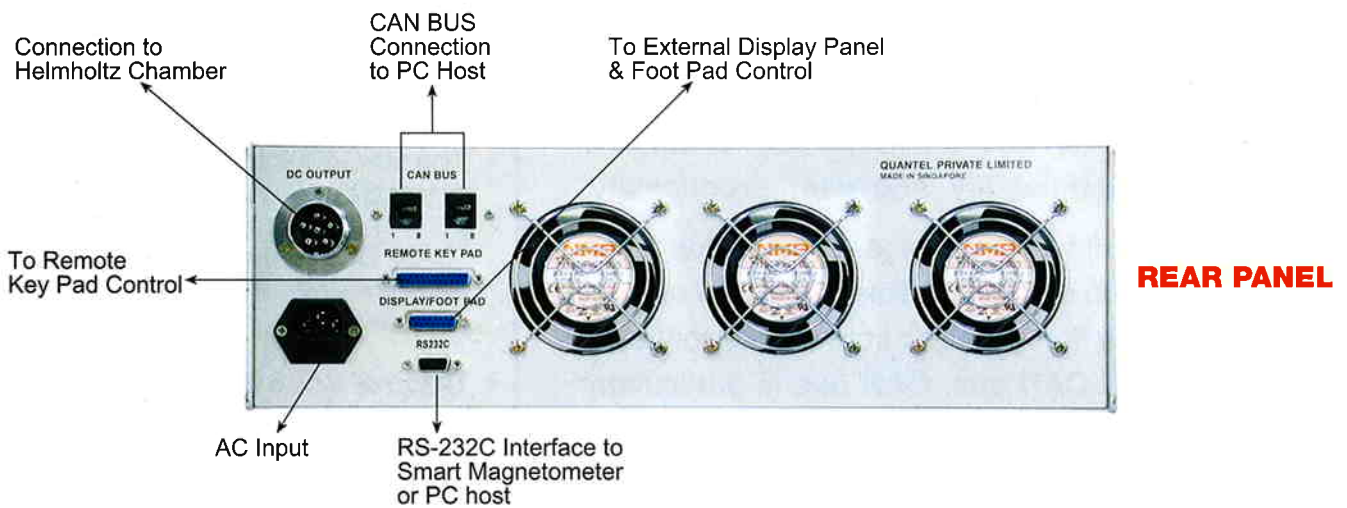
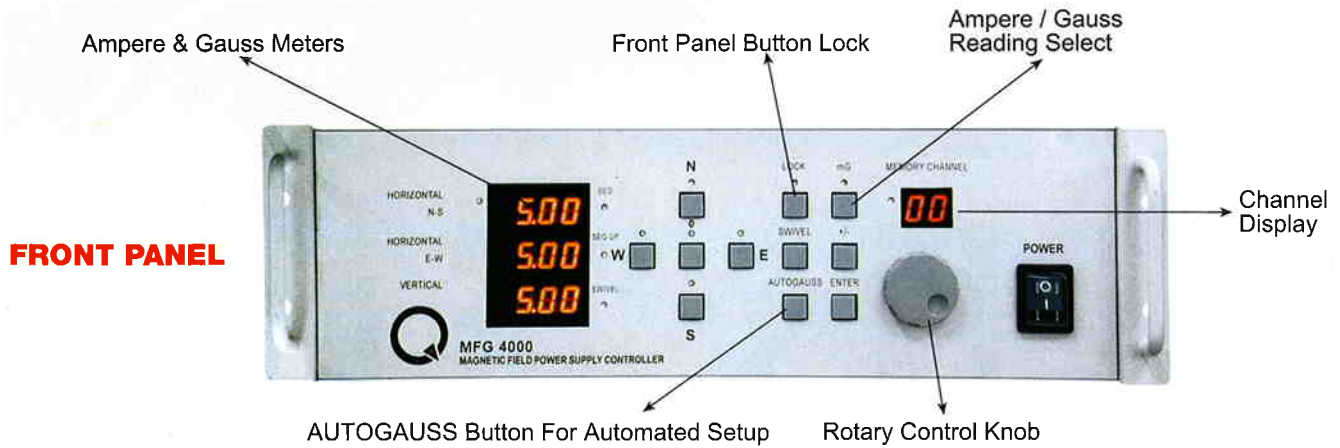


MFS300

Optional plug in: 3 axis magnetometer

MFG-4000 PROGRAMMABLE MAGNETIC FIELD POWER SUPPLY CONTROLLER

Application: Factories producing television, display monitor and cathode-ray tube products will find MFG4000 extremely versatile to use as an artificial magnetic field power source. An integral part of Helmholtz chamber, comprehensive territorial magnetic field information including zero gauss, directional fields and swivel are available for recall from any of the 100 channels on MFG4000. Special TTL inputs and outputs are built-in for foot-switch control or to trigger external events such as degaussing.



Specifications:

Memory Channel	100
LED Display	3 1/2 LED for Horizontal N-S, E-W and Vertical Axis, Ampere or Gauss
Output Current	0-6 Amperes
Output Voltage	0-90 Volts
Gauss Resolution	1 mGauss
Protection	Current, Voltage and Temperature With Alarm
Line Input	110V or 230V
RS232C Interface	Standard
Dimension/Weight	3U, 480 x 450 x 140 mm with rack mount kit, 14.5Kg

Available Options: Smart 3-Axis Magnetometer (MFS300), Remote Key Pad, External Display, CAN Bus Interface.