



SONICS®

哥威雅

world-wide leader in *ultrasonic technology*

new Model GX-Series

40 kHz and 20 kHz Power Supplies for Ultrasonic Plastics Welding



more Power Features

new Power

Now available in:

- 40 kHz – 400 watts and 800 watts
- 20 kHz – 1200 watts, 1700 watts, 2200 watts and 3500 watts

new Features

- Automatic Frequency Tuning
- Digital Amplitude Control
- Ultrasonic Horn/Stack Frequency Display
- Good Part/Bad Part Output Signal

new Models

Weld by: digital time - **Model GXT**
 digital time and/or constant energy - **Model GXE**
 digital time, constant energy and/or distance - **Model GXL***

**Requires optional linear encoder*

STANDARD FEATURES INCLUDE:

- Multiple Job Storage
- Digital Force Triggering
- Calibration Pulse Prior to Every Weld Cycle
- Back-Lit LCD Display
- Ultrasonics Load Meter Scale
- Upper and Lower Weld Limit Settings
- RS232 Serial Port Printer Output
- Optional PLC I/O (Input/Output) Ports
- Soft Start Overload Protection Circuitry
- Load Regulation Circuitry
- Optional Linear Encoder for Distance Welding (distance mode settings in English or metric units)

Leaders in the field of ultrasonic plastics welding equipment and technology since 1969, Sonics & Materials introduces its powerful new line of **GX-Series** ultrasonic generators, featuring state-of-the-art technological advances in control, power and ease-of-use. Designed for Sonics' 40 kHz and 20 kHz welding frequencies, these power supplies provide automatic frequency tuning (matching the generator to the "stack" frequency) and a convenient horn frequency and wattage display.

The new GX-Series delivers microprocessor control and consistent reliability for every application and features smart-logic, user-friendly navigation. The power supplies are available in three different welding mode configurations for maximum versatility and flexibility.

Sonics & Materials, Inc.

哥威雅 (香港) 有限公司
 Qoovia Corporation
 (Hong Kong)Limited

Hong Kong Office
 15B Granville House,
 41C Granville Road, T.S.T.,
 Kowloon, Hong Kong
 Tel:+86(00852)61717217
 & 81463719

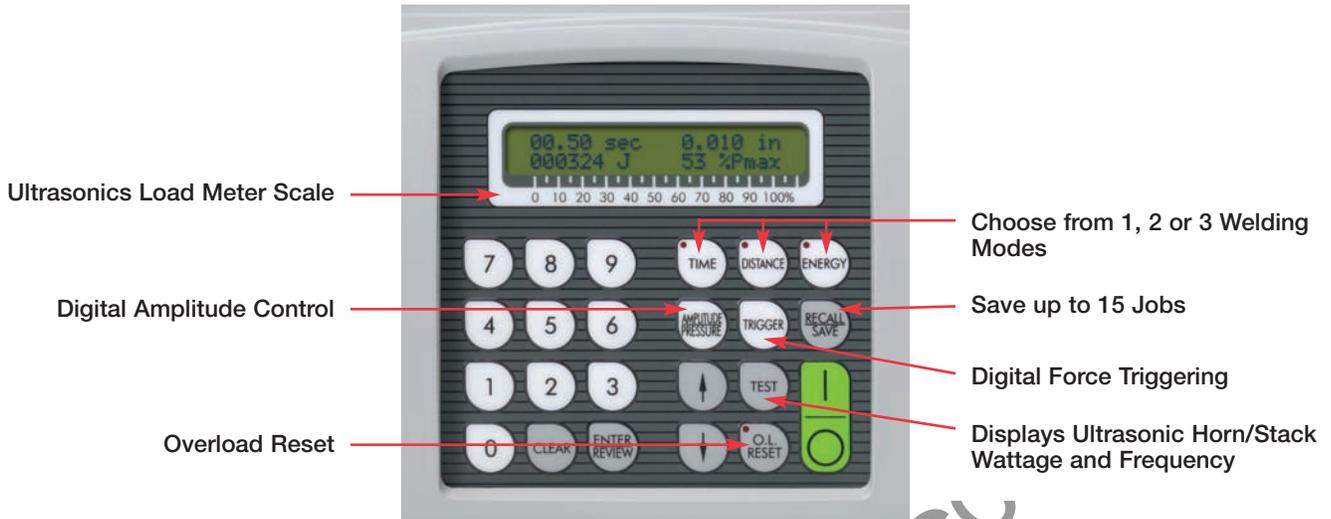
Dongguan Office
 6 Hang, No 17,
 Heng Xin Road
 Heng Gang Tou,
 Xin An Qu Chang An,
 Dongguan Guangdong,
 China 523882
 Tel:+86(0769)8532-0321
 Fax:+86(0769)8532-0145



For more information: info@qoovia-hk.com www.qoovia-hk.com

Model GX-Series Power Supplies

Keypad Features and Functions



Available Systems and Power Ratings for 40 kHz and 20 kHz Welders



40 kHz Model 4095 Press and GX-Series Power Supply



20 kHz Model 2050 Press and GX-Series Power Supply



20 kHz Model 2055 Press and GX-Series Power Supply

Power Supply Model	Power Rating Frequency	Press Model
GXT, GXE or GXL400-40	400 watts – 40 kHz	Model 4095
GXT, GXE or GXL800-40	800 watts – 40 kHz	Model 4095
GXT, GXE or GXL1200-20	1200 watts – 20 kHz	Model 2050 (GXT, GXE or GXL) or 2055 (GXT or GXE only)
GXT, GXE or GXL1700-20	1700 watts – 20 kHz	Model 2050 (GXT, GXE or GXL) or 2055 (GXT or GXE only)
GXT, GXE or GXL2200-20	2200 watts – 20 kHz	Model 2050 (GXT, GXE or GXL) or 2055 (GXT or GXE only)
GXT, GXE or GXL3500-20*	3500 watts – 20 kHz	Model 2050 (GXT, GXE or GXL) or 2055 (GXT or GXE only)

*3500 watt power supply is larger than units shown above

Note: For distance welding, GXL power supplies are only compatible with Models 2050-20 kHz and Model 4095-40 kHz presses when equipped with optional linear encoder.

15 kHz Systems: GX-Series Power Supplies are also available for 15 kHz systems. For more information go to <http://www.qoovia-hk.com>

Continuous Duty Systems: A continuous duty GX-Series Power Supply is also available. For more information info@qoovia-hk.com



SONICS®

© 2008 Sonics & Materials, Inc.

Specifications subject to change without notice.

Not responsible for typographical errors.

Printed in U.S.A.
2.5M/03/08

Registered by UL to ISO 9001



Sonics & Materials, Inc.