

Galaxy. Heavy Duty.  
Light Work.



**Galaxy 'Clean and Easy' Display Features**

- **Program Names Editor** for specific and easy identification.
- **Help Screen** for every function. Ask your dealer for technical support details.
- **The COPY Program Feature.** Program once and then just copy it with one press of the key.
- **Diagnostics Screen** gives you comprehensive information about all functions and data. Quick troubleshooting in real time.
- **List Screen** enables easy and informative program list monitoring.
- **Continuous LCD display** and graphs of all parameters & data.
- **Multi-language support.**

**Technical Specifications**

- Measurements 37x37x64cm (14.5'x14.5'x25.5')
- Weight 23kg (51lb) Press 25.5Kg (56lb)
- Muffle Chamber Ø 95x65mm (3.7'x2.7')
- Firing Table Ø 90mm (3.5')
- Main Input 110-120 V ac 50-60 Hz  
200-240 V ac 50-60 Hz
- Max consumptions 110 V - 15A  
230 V - 8A
- Temperature range 100° C to 1100° C
- Vacuum level in mmHg/mBar

**Optional Accessories**

**Quartz Tube Kanthal Muffle** – Shenpaz first introduced the original Quartz Tube Kanthal Muffle 23 years ago. It has since become one of the most reliable furnace components on the market. Optional on special demand.

**Thermo Tray** – Made of a special, lightweight, dark metal alloy, the honeycomb tray possesses thermo-conductive properties, which allow for heat dispersion in the firing area. (Cervical and Incisal areas will be evenly fired.)



Press Kit



Muffle Quartz



Thermo Tray

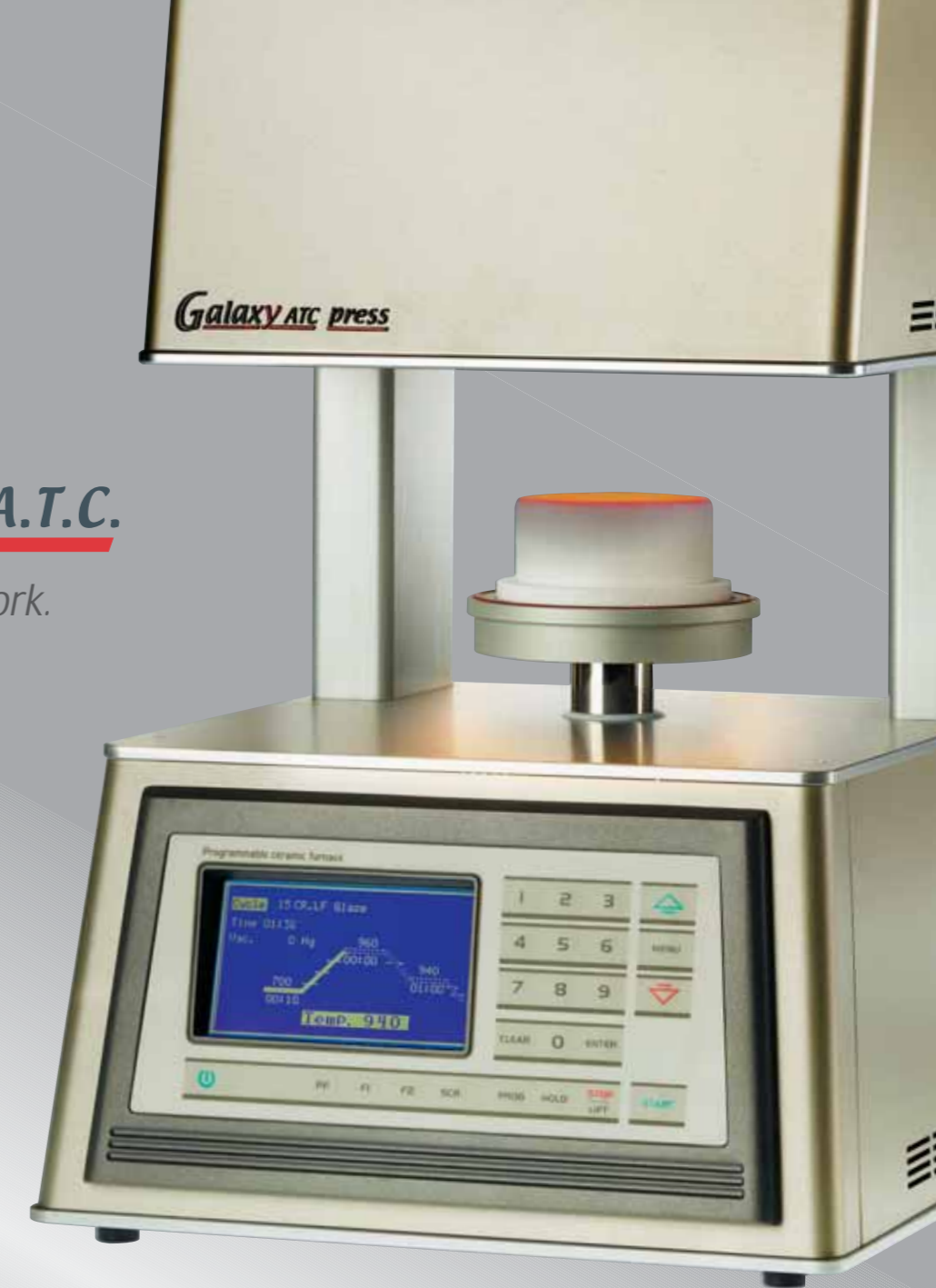
**Warranty – 30 months.**

Shenpaz is committed to delivering products of consistently superior quality. We manufacture our furnaces at our own headquarters and our quality control is based upon stringent international certification standards. This ensures you receive only the very best products.

Contact Details

**Galaxy**A.T.C.

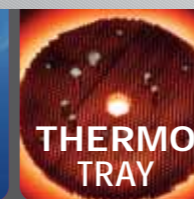
Heavy Duty. Light Work.



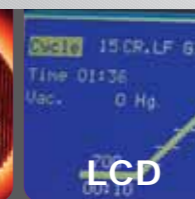
ATC  
MUFFLE



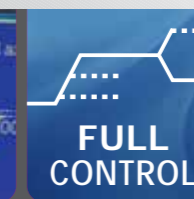
PRESS



THERMO  
TRAY



LCD



FULL  
CONTROL

*The Pleasure of Performances*

*The Pleasure of Performances*



Shenpaz Industries Ltd.  
7 HaOmanim Street, Tel Aviv, Israel.  
Tel: +972-3-5620428, Fax: +972-3-5620259  
Shenpaz@shenpaz.com http://www.shenpaz.com



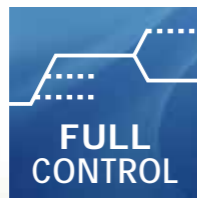
The Galaxy is a heavy-duty machine that makes light work of all your firing jobs. It's the ideal furnace for a busy lab looking for strong, reliable and consistent performance. Designed by ceramists for ceramists, the Galaxy offers you functional, 'clean and easy' graphics and LCD display benefits.

## The Heart of the Galaxy



Shenpaz's unique muffle, with its Advanced Temperature Control (ATC) technology, gives you the fullest confidence in your firing results.

With no quartz barrier, the muffle facilitates direct radiation on your ceramic surface, giving you optimal translucency and vitality. Its long lifespan ensures you'll achieve uniform firing results time after time.



### Totally uniform heat distribution.

Precise firing temperature up to 1,100° C, with a heat ramp of 10-100° C/min.

### Ultimate User-Friendly Programming Flexibility

13 parameters and **full set-up** menu enable you to achieve Ultimate User-Friendly Programming

- **Flexibility** in drying, cooling, vacuum and tempering.
- **Temperature Adjustment.** Complete manual temperature control to adapt furnace temperature to your particular ceramic material.
- **Precise Vacuum Calibration** maintains accurate translucency and vitality and eliminates cloudiness and opacity.
- **HOLD/Manual Override.** This feature allows you to intervene manually at any stage of the firing process, by freezing, prolonging or changing parameters. This minimizes your margin of error.
- **Automatic Night Mode** (100° C), for preventing any moisture accumulating in the muffle and prolonging muffle lifespan.
- **Overheating Protection (OHP)** guards against electrical malfunctions.

## Galaxy Press – Eliminate Guesswork and Unnecessary Errors



The Galaxy Press not only fires all low fusing and normal ceramics, but also presses ceramics with constant, temperature and press control.

Shenpaz's "pressing steps" technology interacts with a special sensing system to soften the 'one-blow impact' giving you greater density and improved hardness. This ensures a higher rate of success by pressing **over zirconia and metal.**



- 200 programs – 180 for conventional ceramics and 20 for pressables.
- You have complete control over the process and the display shows you pressure status in real time at all stages. Reduces errors to almost zero.
- Allows for optimum pressing duration, terminating the press at the most advantageous time to avoid unnecessary firing and split rings. Presses two or three colors in the same cylinder.
- 3 different cylinder sizes: 100g, 200g, 300g.

