

Apollo II Burnout Furnace (Project 02-37) (11/03)



The Apollo II is a four-stage, 30 program, burnout furnace that is designed for use in the dental laboratory. Each program can be set to use from one to four stages with each of the four stages programmed for a predetermined hold time and temperature. Heat rate can be controlled from 1-25° C per minute, to a maximum furnace temperature of 1,000° C. The Apollo II can also display temperatures in degrees Fahrenheit. The unit's control panel has a series of light-emitting diodes (LEDs) that display a visual status for the current program in use. The furnace is equipped with touchpad programming combined with liquid-crystal display (LCD) for easy viewing. The Apollo II is also equipped with a delay-start feature that can be set up to 99 hours and 99 minutes. A unique feature of the Apollo II is its [bottom-loading lift platform](#) that raises and lowers investment rings to and from the burnout chamber. The lift is raised and lowered with a touch key on the control panel or with an optional foot-control switch. It travels 5 1/2" when in the fully open position. Additionally, the lift has a quick-capture feature that allows it to be stopped at any point of travel for removal of rings. The muffle chamber measures 6" x 6" x 6" and holds up to nine, 100-grams rings, or five, 200-gram rings. The furnace weighs 47 lbs, with dimensions of 20"H x 12 1/8"W x 15 1/2"D. It is available in 115V, 50/60Hz or 230V, 50/60Hz, and has a one-year warranty.



Manufacturer:

Whip Mix Corporation
361 Farmington Ave.
P.O. Box 17183
Louisville, KY 40217-0183
(800) 626-5651
(502) 637-1451
(502) 634-4512 FAX
www.whipmix.com

Suggested Retail Price:

\$1678.65 - Apollo II multi-stage burnout furnace, item number 92020
\$46.70 - Apollo foot-control switch, item number 962229

Government Price:

Apollo II:
\$1279.62: Contiguous 48 States
\$1348.84: Alaska, Puerto Rico, Hawaii
Apollo foot-control switch:
\$39.62: Contiguous 48 States
\$35.78: Alaska, Puerto Rico, Hawaii

ADVANTAGES:

- + Bottom-loading feature with automatic lift platform.
- + Delay-start feature of up to 99 hours and 99 minutes.
- + Reduced heat blast on operator during loading/unloading.
- + Hands-free control of lift platform with optional foot-control switch.
- + Easy and intuitive operation and programming.
- + Quick-capture feature allows lift platform to stop at any point.
- + Meets all electrical safety standards.
- + Easy to understand operation manual.

DISADVANTAGES:

- May be undersized for high-production laboratories (ADL).
- Higher cost than furnaces typically used in the federal dental service.

SUMMARY AND CONCLUSIONS:

The Apollo II is a multi-stage burnout furnace with 30 programmable, individual programs. The Apollo II can be used for all types of investments and burnout cycles. Evaluators found the unit's touchpad control panel easy to use and understand. Additionally, the furnace is equipped with a delay start that can be programmed up to 99 hours and 99 minutes. Evaluators found its unique bottom-loading design with automatic lift platform a definite advantage, especially using the optional foot-control switch. The bottom-loading feature also reduced the heat blast felt by the operator when the furnace door was opened. The 6" x 6" x 6" heating chamber size was found to be adequate for base dental laboratories. However, the size of the heating chamber may be undersized for higher production laboratories such as an Area Dental Laboratory. The **Apollo II** is rated **Recommended** for use in the federal dental services.

