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62-21 Magna-Clave Sterilizer (Project 00-50) (4/01)

The Magna-Clave sterilizer is a manually-operated sterilizer with a 15-inch internal-diameter by 30-inch-deep, round, stainless-steel chamber. The overall dimensions of the unit are 22.25 inches high by 28 inches wide by 34.25 inches deep. The 208-volt sterilizer, rated at 5000 watts, requires a dedicated, direct-wired, 30-amp electrical circuit. The unit is UL-544 listed and ASME certified. Four indicator lights identify the power, chamber heat, sterilization mode, and chamber door status. Sterilization time and temperature are adjustable and can be recorded with an optional, circular time/temperature chart recorder. Also, two gauges provide visual "green-zone" indication of correct internal temperature and pressure.

Manufacturer:
Pelton & Crane
11727 Fruehauf Drive
Charlotte, NC 28273
(800) 659-3212
(704) 587-7204 FAX

Suggested Retail Price:
with stand $16,320.00
with recorder and stand $17,950.00

Government Price:
with stand $8,976.00
with recorder and stand $9,872.50

ADVANTAGES:
+ Unit worked well during laboratory testing.
+ Reservoir can be easily and completely drained for cleaning.
+ Operating and servicing instructions are clear, complete, and easy to understand.
+ Chamber door is easy to operate and has an interlock to protect the operator.

DISADVANTAGES:
- Must be manually sequenced through cycles.
- Chamber door must be opened for drying.
- An optional chart recorder for time/temperature is available; no printer is available.
- Rack does not slide in and out of chamber easily.

The Pelton & Crane Magna-Clave operated flawlessly during the laboratory evaluation. Its control panel is easy to understand and operate, and provides a clear indication of status. The chamber door ensures a sure seal and is easy to operate. However, because it is a manual sterilizer, the Magna-Clave contains none of the automatic controls that users of other sterilizers have been accustomed to. The Magna-Clave is best suited for use in medium-to-large clinics with 10 or more providers. Of the seven clinical evaluators surveyed, three awarded the unit an overall rating of "Excellent," three gave it a "Good" rating, and one rated it "Average." The **Magna-Clave Sterilizer** is rated **Acceptable** for use by the federal dental services.