MEDSAFE™ MEDICAL COMPUTER SYSTEM
MODEL RX-351

Features
- Drug interaction evaluation.
- Accounting and billing.
- Rapid access to patients medical records.
- Drug code directory by NDC numbers.
- On-line access to medical data bases such as the National Library of Medicine, and the AMA/NET information network.
- Word processing.
- Access from remote location via standard telephone line.

Description
The MEDSAFE™ Medical Computer System, Model RX-351, is designed to provide the physician and staff with the latest techniques in automated patient medical record keeping for up to 10,000 patients. The system software includes patient accounting, billing and insurance billing, and provides quick access to patients' biographical and medical data and their visit by visit medical history. The system also provides a drug code directory by product name and National Drug Code numbers containing over 20,000 prescription drugs and over-the-counter medications. Rapid analysis of drug-to-drug, drug-to-food, drug-to-allergy, and drug-to-chronic condition interactions by MEDSAFE™ can help prevent drug-related accidents.

MEDSAFE™, utilizing sophisticated microprocessor technology and advanced computer programming, consists of three basic components that easily fit on a desktop:

TERMINAL UNIT: Includes the computer, the display screen (adjustable for operator comfort) and a detached keyboard.

STORAGE UNIT: Stores all pertinent information about drugs and patients. It incorporates a 35 Megabyte disc drive, able to store the equivalent of more than 10,000 printed pages. A high speed removable tape cartridge is used to back-up and restore all the patients records on the disc drive in less than 5 minutes. A telecommunications unit allows MEDSAFE™ to communicate via standard telephone lines.

PRINTER UNIT: The size of a typewriter, it provides a paper copy of messages, patient records, drug interactions, or any other information that appears on the display screen.

REMOTE TERMINAL: This is a second terminal unit with a telecommunications unit attached. It provides 24 hour full-function access to the MEDSAFE™ system from the physician's residence, or another site of the user's choice. The results of remote consultations, including new prescriptions, can be permanently recorded from the remote terminal, just as from the office terminal. This feature is extremely valuable for the doctor "on call" or in emergency situations.
**Functions**

- Entry of charges
- Invoice generation
- Current account status
- Patient billing
- Insurance billing
- Patient payments
- Insurance payments
- Daily, monthly, yearly closing
- Patient file roster

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**Specifications**

**TERMINAL UNIT**

- **Display**
  - Viewing area: 12" diagonal (nominal)
  - Color of display: Green (P31)
  - Size: 16½"H x 19"W x 15¾"D (41.9cm x 48.3cm x 40cm)
  - Weight: 27 pounds (12.3 kilograms)

- **Keyboard**
  - Function keys: Tan
  - Character keys: Dark brown
  - Size: 2¾"H x 19"W x 7¾"D (7cm x 48.3cm x 19.7cm)
  - Weight: 5 pounds (2.3 kilograms)

**STORAGE UNIT**

- Storage capacity: 5,000 to 10,000 patient records, depending on amount of information stored per patient.
- Disc type: 35 M-byte Winchester-type rigid disc.
- Tape cartridge: Demountable; contents of the disc drive can be recorded in 5 minutes.
  - Size: 11¾"H x 18"W x 20"D (28.6cm x 45.7cm x 50.8cm)
  - Weight: 40 pounds (18.2 kilograms)

**PRINTER UNIT**

- **Speed**: 90 CPS, bidirectional
- **Type**: Dot matrix
- **Size**: 4¾"H x 15¾"W x 11½"D (12.1cm x 40cm x 28.6cm)
- **Weight**: 18¾ pounds (8.5 kilograms)
- **Paper**: Pin-feed or single sheets
- **System power requirement**: 115 VAC, 60 Hz, 6 Amp. (240 VAC, 50 Hz, model is available)

**REMOTE TERMINAL**

- Same as the terminal unit with 1200 baud telecommunications unit. Requires RJ-11C (modular) phone jack.
- **Power requirements**: 115 VAC, 60 Hz, 2 Amp. (240 VAC, 50 Hz model is available)