

MEDTRONIC 5392 DUAL-CHAMBER



ABOUT

The **Medtronic 5392** dual-chamber temporary external pacemaker is a battery-powered temporary pacemaker designed to assist a cardiac pacing lead system for either a single or dual chamber temporary pacing. The Medtronic 5392 temporary pacemaker can be used as a quick way to control the patient's heart rate. The Temporary Pacemaker offers short-term synchronous and asynchronous pacing therapy. The system runs on two LR6 (AA-sized) alkaline batteries. The temporary pacemaker emits a current pulse that can maintain a consistent value set by the dials on the system.

FEATURES

Single Chamber pacing modes; AAI, TOO, VVI, and VOO

Dual chamber pacing modes; DDD, DDI, DOO

Easy-to-view rate and output settings

Pacing and sensing status indicators show the temporary pacemaker and the interaction with the heart

Four-dial operation that can provide therapy for most pacing needs

Automatic sensitivity adjustment

Automatic mode switch during atrial arrhythmias



SPECIFICATIONS



DIMENSIONS

Height: 8 in (20.3 cm)

Width: 3.375 in (8.6 cm)

Depth: 1.75 in (4.45 cm)

Weight: 24 oz (680g)

BATTERY

Battery Type: Two IEC type LR6-sized (AA-Sized) 1.5 V alkaline battery (Duracell MN1500, Everyday E91or Equivalent)

Battery Life: 9 days typical, 7 day minimum

GENERAL SPECIFICATIONS

Modes: DDD, DOO, DDI, AAI, AOO, VVI, VOO

Basic Pacing Rates: 30 – 200 ppm

Upper Rate: 80 – 230 ppm

Rapid Atrial Pacing Rates: 80 – 800 ppm

Output Amplitude

- Atrial: 0.1-20mA
- Ventricular: 0.1-25mA

Pulse Width

- Atrial: 1.0 ms
- Ventricle: 1.5 ms

Sensitivity

- Atrial: 0.4-10mV
- Ventricular: 0.8-20mV

A-V Internal

- Paced A-V (PAV): 50-250 Auto; 20-300 Manual
- Sensed A-V (SAV): 50-250

Refractory Period

- Atrial: 150 – 500 ms (PVARP) Atrial Refractory after an Atrial event is equal to the AV interval
- Ventricular: NA

Ventricular Blanking

- Pace: 200 ms
- Sense: 120 ms